**SGS Hong Kong Limited**
香港通用檢測認證有限公司

| | | |
|---|---|---|
| **ADDRESS**<br>地址 | : | 1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong<br>香港新界粉嶺樂業路25號安滙中心一樓 |
| **ENQUIRY**<br>查詢 | : | Mr Frederick CHEUNG Kin, Quality, Health & Safety - Manager<br>張健先生，質量、健康及安全部經理 |
| **TELEPHONE**<br>電話 | : | 2334 4481 |
| **FAX**<br>傳真 | : | 2356 7502 |
| **E-MAIL**<br>電郵 | : | frederick.cheung@sgs.com |
| **WEBSITE ADDRESS**<br>網址 | : | www.sgs.com/en-hk |
| **CLIENTELE**<br>服務對象 | : | Public<br>公眾 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司

**ADDRESS**
**地址**

: 1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

OGC Laboratory, Lung Hong Street, Area 38, Tuen Mun, New Territories, Hong Kong
香港新界屯門 38 區龍康街石化部化驗室

Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心 A 座地下 2 及 3 號室

**ACCREDITED TEST CATEGORIES**
**認可測試類別**

: Calibration Services 校正服務
Testing Required by the China Compulsory Certification System (CCC)
中國強制性產品認證制度規定的檢測
Chemical Testing 化學測試
Chinese Medicine 中藥
Electrical and Electronic Products 電氣及電子產品
Environmental Testing 環境測試
Food 食品
Miscellaneous 雜類
Pharmaceutical Products 藥物
Physical and Mechanical Testing 物理及機械測試
Textiles and Garments 紡織品及成衣
Toys and Children's Products 玩具及兒童產品

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Calibration Services 校正服務 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED@**<br>特定測試或量度的特性@ | **CALIBRATION AND MEASUREMENT CAPABILITY (CMC)***<br>校準和測量能力* |
| Length and related measurements | | |
| - Length measurement | | |
| - Caliper | Calibration for length in accordance with in-house procedure CALIPER.CAL over the following range: | |
| - Dial Type | 3.1 mm to 200 mm | 0.027 mm |
| - Digital Type | 3.1 mm to 200 mm | 0.027 mm |
| - Vernier Type | 3.1 mm to 200 mm | 0.027 mm |
| - External micrometer | Calibration for length in accordance with in-house procedure MICRO.CAL over the following range: | |
| - Digital Type | 2.5 mm to 25 mm | 1.6 µm |
| - Vernier Type | 2.5 mm to 25 mm | 1.6 µm |
| - Steel rule | Calibration for length in accordance with in-house procedure SRULE.CAL over the following range: | |
| | 0.2 mm to 1000 mm | 0.075 mm |

@ Unless otherwise specified, accredited activities are conducted at the laboratory.

* The calibration uncertainty of a device under test, which is usually reported at 95% confidence level, depends on both the CMC of the laboratory and the performance of the device during calibration.

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Calibration Services 校正服務 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED@**<br>特定測試或量度的特性@ | **CALIBRATION AND MEASUREMENT CAPABILITY (CMC)***<br>校準和測量能力* |
| Mass and related measurements | | |
| - Force measurement | | |
| - Tension gauge | Calibration for force in accordance with in-house procedure TENSION.CAL over the following range: | |
| | 10 N to 100 N | 0.38 N |
| | above 100 N to 300 N | 0.96 N |
| | above 300 N to 670 N | 1.9 N |

@ Unless otherwise specified, accredited activities are conducted at the laboratory.

* The calibration uncertainty of a device under test, which is usually reported at 95% confidence level, depends on both the CMC of the laboratory and the performance of the device during calibration.

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

## Calibration Services 校正服務

| ITEM TESTED OR MEASURED<br>測試或量度項目 | SPECIFIC TEST OR PROPERTY MEASURED@<br>特定測試或量度的特性@ | CALIBRATION AND MEASUREMENT CAPABILITY (CMC)*<br>校準和測量能力* |
|---|---|---|
| Mass and related measurements (cont'd) | | |
| - Weight and balance | | |
| - Electronic balance | Calibration for mass using OIML Class E2 weights from 1 mg to 50 g and 200 g, Class F1 weights from 10 mg to 2 kg, and Class M1 weights from 1 kg to 10 kg in accordance with in-house procedure BALANCE.CAL over the following ranges: | |
| | 1 mg to 50 g | 0.13 mg |
| | above 50 g to 100 g | 0.23 mg |
| | above 100 g to 200 g | 0.38 mg |
| | above 200 g to 300 g | 0.43 mg |
| | above 300 g to 400 g | 1.3 mg |
| | above 400 g to 500 g | 1.3 mg |
| | above 500 g to 1 kg | 14 mg |
| | above 1 kg to 2 kg | 15 mg |
| | above 2 kg to 3 kg | 18 mg |
| | above 3 kg to 4 kg | 21 mg |
| | above 4 kg to 8 kg | 130 mg |
| | above 8 kg to 30 kg | 1.6 g |
| | above 30 kg to 60 kg | 12 g |
| | above 60 kg to 140 kg | 24 g |

@ Unless otherwise specified, accredited activities are conducted at the laboratory.

* The calibration uncertainty of a device under test, which is usually reported at 95% confidence level, depends on both the CMC of the laboratory and the performance of the device during calibration.

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

## Calibration Services 校正服務

| ITEM TESTED OR MEASURED<br>測試或量度項目 | SPECIFIC TEST OR PROPERTY MEASURED@<br>特定測試或量度的特性@ | CALIBRATION AND MEASUREMENT CAPABILITY (CMC)*<br>校準和測量能力* |
|---|---|---|
| Mass and related measurements (cont'd) | | |
| - Weight and balance (cont'd) | | |
| - Electronic balance (cont'd) | On-site calibration for mass using OIML Class E2 weights from 1 mg to 50 g and 200 g, Class F1 weights from 10 mg to 2 kg, and Class M1 weights from 1 kg to 10 kg in accordance with in-house procedure BALANCE.CAL over the following ranges: | |
| | 1 mg to 50 g | 0.13 mg |
| | above 50 g to 100 g | 0.23 mg |
| | above 100 g to 200 g | 0.38 mg |
| | above 200 g to 300 g | 0.43 mg |
| | above 300 g to 400 g | 1.3 mg |
| | above 400 g to 500 g | 1.3 mg |
| | above 500 g to 1 kg | 14 mg |
| | above 1 kg to 2 kg | 15 mg |
| | above 2 kg to 3 kg | 18 mg |
| | above 3 kg to 4 kg | 21 mg |
| | above 4 kg to 8 kg | 130 mg |
| | above 8 kg to 30 kg | 1.6 g |
| | above 30 kg to 60 kg | 12 g |
| | above 60 kg to 140 kg | 24 g |

@ Unless otherwise specified, accredited activities are conducted at the laboratory.

* The calibration uncertainty of a device under test, which is usually reported at 95% confidence level, depends on both the CMC of the laboratory and the performance of the device during calibration.

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Testing Required by the China Compulsory Certification System (CCC) 中國強制性產品認證制度規定的檢測** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Toy and children's product<br>兒童用品<br><br>- Toy *(2202)*<br>- 玩具*(2202)* | | |
| - Electric toys<br>***<Excluding the following>***<br>- toys containing gas or liquid<br>- imitation weapon toys<br>- chemical toys<br>- cosmetic toys<br>- toys with direct food contact<br>- toys likely to be cleaned with liquid | All required tests as specified in CNCA-C22-02: 2020 | GB 6675.1-2014<br>GB 6675.2-2014 + Amendment 1<br>GB 6675.3-2014<br>GB 6675.4-2014<br>GB 19865-2005 + Amendment 1 |
| - 電玩具<br>***<不包括>***<br>- 含氣體或液體玩具<br>- 仿真武器玩具<br>- 化學遊戲玩具<br>- 玩具化妝品<br>- 與食品直接接觸的玩具<br>- 可能用液體清潔的玩具 | CNCA-C22-02: 2020<br>有關規定的所有檢測 | GB 6675.1-2014<br>GB 6675.2-2014 + 第 1 號修改單<br>GB 6675.3-2014<br>GB 6675.4-2014<br>GB 19865-2005 + 第 1 號修改單 |
| - Metal toys<br>***<Excluding the following>***<br>- toys containing gas or liquid<br>- imitation weapon toys<br>- chemical toys<br>- cosmetic toys<br>- toys with direct food contact | All required tests as specified in CNCA-C22-02: 2020 | GB 6675.1-2014<br>GB 6675.2-2014 + Amendment 1<br>GB 6675.3-2014<br>GB 6675.4-2014 |
| - 金屬玩具<br>***<不包括>***<br>- 含氣體或液體玩具<br>- 仿真武器玩具<br>- 化學遊戲玩具<br>- 玩具化妝品<br>- 與食品直接接觸的玩具 | CNCA-C22-02: 2020<br>有關規定的所有檢測 | GB 6675.1-2014<br>GB 6675.2-2014 + 第 1 號修改單<br>GB 6675.3-2014<br>GB 6675.4-2014 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Testing Required by the China Compulsory Certification System (CCC) 中國強制性產品認證制度規定的檢測** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Toy and children's product<br>兒童用品 | | |
| - Toy *(2202)*<br>- 玩具*(2202)* | | |
| - Plastic toys<br>***<Excluding the following>***<br>- toys containing gas or liquid<br>- imitation weapon toys<br>- chemical toys<br>- cosmetic toys<br>- toys with direct food contact | All required tests as specified in CNCA-C22-02: 2020 | GB 6675.1-2014<br>GB 6675.2-2014 + Amendment 1<br>GB 6675.3-2014<br>GB 6675.4-2014 |
| - 塑膠玩具<br>***<不包括>***<br>- 含氣體或液體玩具<br>- 仿真武器玩具<br>- 化學遊戲玩具<br>- 玩具化妝品<br>- 與食品直接接觸的玩具 | CNCA-C22-02: 2020<br>有關規定的所有檢測 | GB 6675.1-2014<br>GB 6675.2-2014 + 第 1 號修改單<br>GB 6675.3-2014<br>GB 6675.4-2014 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Chemical Testing 化學測試 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Leather and textile products | Amine (Azo colourants) :<br><br>1) 4-aminodiphenyl<br>2) benzidine<br>3) 4-chloro-o-toluidine<br>4) 2-naphthylamine<br>5) o-aminoazotoluene<br>6) 5-nitro-o-toluidine<br>7) 4-chloroaniline<br>8) 4-methoxy-m-phenylenediamine<br>9) 4,4'-diaminodiphenylmethane<br>10) 3,3'-dichlorobenzidine<br>11) 3,3'-dimethoxybenzidine<br>12) 3,3'-dimethylbenzidine<br>13) 4,4'-methylene-di-o-toluidine<br>14) p-cresidine<br>15) 4,4'-methylene-bis-(2-chloro-aniline)<br>16) 4,4'-oxydianiline<br>17) 4,4'-thiodianiline<br>18) o-toluidine<br>19) 4-methyl-m-phenylenediamine<br>20) 2,4,5-trimethylaniline<br>21) 2-methoxyaniline<br>22) 4-aminoazobenzene | Regulation (EC) No. 1907/2006 on REACH Annex XVII Item No 43 as amended by Commission Regulation (EC) No. 552/2009 and Commission Regulation (EU) No. 2020/2096<br><br>*Test procedures for compliance testing for leather products:*<br><br>- EN ISO 17234-1: 2015 (for determination of the 21 amines listed on the left in leather products)<br><br>- EN ISO 17234-2: 2011 (for determination of 4-aminoazobenzene in leather products)<br><br>*Test procedures for compliance testing for textile products:*<br><br>- EN ISO 14362-1: 2017 (for determination of the 21 amines listed on the left in textile products)<br><br>- EN ISO 14362-3: 2017 (for determination of 4-aminoazobenzene in textile products)<br><br>Techniques used are GC-MSD and HPLC-DAD for the test methods listed above |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司

1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Chemical Testing 化學測試** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Leather and textile products | Amine (Azo colourants) :<br><br>1) 4-aminodiphenyl<br>2) benzidine<br>3) 4-chloro-o-toluidine<br>4) 2-naphthylamine<br>5) o-aminoazotoluene<br>6) 5-nitro-o-toluidine<br>7) 4-chloroaniline<br>8) 4-methoxy-m-phenylenediamine<br>9) 4,4'-diaminodiphenylmethane<br>10) 3,3'-dichlorobenzidine<br>11) 3,3'-dimethoxybenzidine<br>12) 3,3'-dimethylbenzidine<br>13) 4,4'-methylenedi-o-toliodone<br>14) p-cresidine<br>15) 4,4'-methylene-bis-(2-chloroaniline)<br>16) 4,4'-oxydianiline<br>17) 4,4'-thiodianiline<br>18) o-toluidine<br>19) 4-methyl-m-phenylenediamine<br>20) 2,4,5-trimethylaniline<br>21) 2-methoxyaniline<br>22) 2,4-xylidine<br>23) 2,6-xylidine | *For leather products:*<br>ISO 17234-1: 2015<br>BS EN ISO 17234-1: 2015<br>ISO 17234-1: 2020<br>BS EN ISO 17234-1: 2020<br><br>*For textile products:*<br>ISO 14362-1:2017<br>BS EN ISO 14362-1: 2017<br>(for the determination of the first 21 amines listed on the left) |
| | 4-aminoazobenzene | *For leather products:*<br>ISO 17234-2:2011<br>BS EN ISO 17234-2: 2011<br><br>*For textile products:*<br>ISO 14362-3:2017<br>BS EN ISO 14362-3: 2017<br><br>Techniques used are GC-MSD and HPLC-DAD for all test methods listed above. |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

## Chemical Testing 化學測試

| ITEM TESTED OR MEASURED<br>測試或量度項目 | SPECIFIC TEST OR PROPERTY MEASURED<br>特定測試或量度的特性 | SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED<br>規範、標準方法或應用技術 |
|---|---|---|
| Products made of textile | Amine (Azo colourants) :<br><br>1) 4-氨基聯苯(4-aminodiphenyl)<br>2)聯苯胺(benzidine)<br>3) 4-氯鄰甲苯胺(4-chloro-o-toluidine)<br>4) 2-萘胺(2-naphthylamine)<br>5)鄰氨基偶氮甲苯(2-aminoazotoluene)<br>6) 2-氨基-4-硝基甲苯(2-amino-4-nitrotoluene)<br>7)對氯苯胺(p-chloroaniline)<br>8) 2,4-二氨基苯甲醚(2,4-diaminoanisole)<br>9) 4,4'-二氨基二苯甲烷<br>(4,4'-diaminodiphenylmethane)<br>10) 3,3'-二氯聯苯胺(3,3'-dichlorobenzidine)<br>11) 3,3'-二甲氧基聯苯胺<br>(3,3'-dimethoxybenzidine)<br>12) 3,3'-二甲基聯苯胺<br>(3,3'-dimethylbenzidine)<br>13) 3,3'-二甲基-4,4'二氨基二苯甲烷<br>(3,3'-dimethyl-4,4'-diaminodiphenylmethane)<br>14) 3-氨基對甲苯甲醚(p-克利酊)(p-cresidine)<br>15) 4,4'-次甲基-雙-(2-氯苯胺)<br>[4,4'-methylene-bis-(2-chloroaniline)]<br>16) 4,4'-二氨基二苯醚(4,4'-oxydianiline)<br>17) 4,4'-二氨基二苯硫醚(4,4'-thiodianiline)<br>18)鄰甲苯胺(2-toluidine)<br>19) 2,4'-二氨基甲苯(2,4-toluylenediamine)<br>20) 2,4,5-三甲基苯胺(2,4,5-trimethylaniline)<br>21) 鄰甲基苯胺(鄰氨基苯甲醚)(2-anisidine)<br>22) 2,4-二甲基苯胺(2,4-xylidine)<br>23) 2,6-二甲基苯胺(2,6-xylidine)<br>24) 4-氨基偶氮苯(4-aminoazobenzene) | FZ/T 73001-2016 Cl. 5.4.2 & 6.4.7 (襪子)<br>FZ/T 73010-2016 Cl. 5.3.1 & 6.1.2.4 (針織工藝衫)<br>FZ/T 73012-2017 Cl. 5.3.1 & 6.1.2.5 (文胸)<br>FZ/T 73013-2017 Cl. 4.2.1 & 5.1.2.5 (針織泳裝)<br>FZ/T 73017-2014 Cl. 4.3.1 & 5.1.2.6 (針織家居服)<br>FZ/T 73019.2-2020 Cl. 6.2.1 & 7.1.11 (針織塑身內衣-調整型)<br>FZ/T 73020-2019 Cl. 5.3.1 & 6.1.5 (針織休閒服裝)<br>FZ/T 73022-2019 Cl. 4.3.1 & 5.2.6 (針織保暖內衣)<br>FZ/T 73024-2014 Cl. 4.3.1 & 5.1.2.6 (化纖針織內衣)<br>FZ/T 73025-2019 Cl. 5.3.1 & 6.1.5 (嬰幼兒針織服飾)<br>FZ/T 73026-2014 Cl. 4.3.1 & 5.1.2.19 (針織裙、裙套)<br>FZ/T 73029-2019 Cl. 6.4.3.1 & 7.4.7 (針織褲)<br>FZ/T 73032-2017 Cl. 5.3.1 & 6.2.4 (針織牛仔服裝)<br>FZ/T 73043-2020 Cl. 4.2.1 & 5.5.5 (針織襯衫)<br>FZ/T 73046-2020 Cl. 5.2.1 & 6.1.2.4 (一體成型文胸)<br>FZ/T 73052-2015 Cl. 5.3.1 & 6.2.19 (水洗整理針織服裝)<br>FZ/T 81014-2008 Cl. 4.11 & 5.4.5 (嬰幼兒服裝)<br>FZ/T 73037-2019 Cl. 5.4.2.1 & 6.4.6 (針織運動襪)<br>FZ/T 73045-2013 Cl. 4.3.1 & 5.3.15 (針織兒童服裝)<br>FZ/T 73047-2013 Cl. 4.4.1 & 5.4.4 (針織民用手套)<br>GB/T 22849-2014 Cl. 4.3.1 & 5.1.2.5 (針織 T 袖衫)<br>GB/T 22853-2019 Cl. 5.3.1 & 6.2.2.5 (針織運動服)<br>GB/T 23328-2009 Cl. 3.12.9 & 4.4.12 (機織學生服)<br>GB/T 32614-2016 Cl. 5.3.1 & 6.2.5 (户外運動服裝)<br>GB/T 8878-2014 Cl. 4.3.1 & 5.1.2.6 (棉針織內衣)<br>FZ/T 74002-2014 Cl 5.3.1 & 6.1.2.4 (運動文胸)<br><br>*Test procedures for compliance testing:*<br>GB/T 17592-2011 (for determination of the first 23 amines listed on the left in textile products)<br>GB/T 23344-2009 (for determination of 4-aminoazobenzene in textile products)<br><br>Techniques used are GC-MSD and HPLC-DAD for the test methods listed above |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司

1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Chemical Testing 化學測試** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Products made of textile<br>(cont'd) | Amine (Azo colourants) :<br><br>1) 4-氨基聯苯(4-aminodiphenyl)<br>2)聯苯胺(benzidine)<br>3) 4-氯鄰甲苯胺(4-chloro-o-toluidine)<br>4) 2-萘胺(2-naphthylamine)<br>5)鄰氨基偶氮甲苯(2-aminoazotoluene)<br>6) 2-氨基-4-硝基甲苯(2-amino-4-nitrotoluene)<br>7)對氯苯胺(p-chloroaniline)<br>8) 2,4-二氨基苯甲醚(2,4-diaminoanisole)<br>9) 4,4'-二氨基二苯甲烷<br>(4,4'-diaminodiphenylmethane)<br>10) 3,3'-二氯聯苯胺(3,3'-dichlorobenzidine)<br>11) 3,3'-二甲氧基聯苯胺<br>(3,3'-dimethoxybenzidine)<br>12) 3,3'-二甲基聯苯胺<br>(3,3'-dimethylbenzidine)<br>13) 3,3'-二甲基-4,4'二氨基二苯甲烷<br>(3,3'-dimethyl-4,4'-diaminodiphenylmethane)<br>14) 3-氨基對甲苯甲醚(p-克利酊)(p-cresidine)<br>15) 4,4'-次甲基-雙-(2-氯苯胺)<br>[4,4'-methylene-bis-(2-chloroaniline)]<br>16) 4,4'-二氨基二苯醚(4,4'-oxydianiline)<br>17) 4,4'-二氨基二苯硫醚(4,4'-thiodianiline)<br>18)鄰甲苯胺(2-toluidine)<br>19) 2,4'-二氨基甲苯(2,4-toluylenediamine)<br>20) 2,4,5-三甲基苯胺(2,4,5-trimethylaniline)<br>21)鄰甲基苯胺(鄰氨基苯甲醚)(2-anisidine)<br>22) 2,4-二甲基苯胺(2,4-xylidine)<br>23) 2,6-二甲基苯胺(2,6-xylidine)<br>24) 4-氨基偶氮苯(4-aminoazobenzene) | GB/T 21294-2014 Cl 3.4 for<br>FZ/T 73002-2016 Cl. 3.5 & 4.4.5 (針織帽)<br>FZ/T 81001-2016 Cl. 4.12 & 5.4.7 (睡衣套)<br>FZ/T 81004-2022 Cl. 4.11 & 5.4.12 (連衣裙、裙套)<br>FZ/T 81006-2017 Cl. 4.11 & 5.4.10 (牛仔服裝)<br>FZ/T 81007-2022 Cl. 4.11 & 5.4.12 (單、夾服裝)<br>FZ/T 81008-2021 Cl. 3.11 & 4.4.12 (茄克衫)<br>FZ/T 81010-2018 Cl. 3.11 & 4.4.16 (風衣)<br>FZ/T 81020-2014 Cl. 4.8.1 & 5.4.4 (機織文胸)<br>FZ/T 81021-2014 Cl. 4.9.1 & 5.4.7 (機織泳裝)<br>FZ/T 82002-2016 Cl. 3.5 & 4.4.5 (縫製帽)<br>FZ/T 81012-2016 Cl. 4.7 & 5.2.6 (機織圍巾披肩)<br>GB/T 2664-2017 Cl. 3.12 & 4.4.10 (男西服、大衣)<br>GB/T 2665-2017 Cl. 3.12 & 4.4.10 (女西服、大衣)<br>GB/T 2666-2017 Cl. 3.12 & 4.4.11 (西褲)<br>GB/T 18132-2016 Cl. 4.12 & 5.4.7 (絲綢服裝)<br>GB/T 22700-2016 Cl. 4.10 & 5.4.7 (水洗整理服裝)<br>GB/T 31900-2015 Cl. 3.12.1 & 4.4.7 (機織兒童服裝)<br>GB/T 14272-2021 Cl. 4.11.1, 4.11.2, 4.11.3 & 5.6.9 (羽絨服裝)<br>GB/T 23314-2021 Cl. 4.8 & 5.4.13 (領帶)<br><br>GB 18401-2010 Cl. 6.8 for<br>FZ/T 73031-2009 Cl. 5.4.1.2 & 6.4.10 (壓力襪)<br>FZ/T 43015-2021 Cl. 4.3 & 5.1 (桑蠶絲針織服裝)<br>GB/T 22854-2009 Cl. 4.3 & 5.3.14 (針織學生服)<br><br>*Test procedures for compliance testing:*<br>GB/T 17592-2011 (for determination of the first 23 amines listed on the left in textile products)<br>GB/T 23344-2009 (for determination of 4-aminoazobenzene in textile products)<br><br>Techniques used are GC-MSD and HPLC-DAD for the test methods listed above |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司

1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Chemical Testing 化學測試 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| 皮革和毛皮產品及其製品<br>(Products made from leather and fur) | 芳香胺(偶氮染料)Amine (Azo colourants) :<br><br>1) 4-氨基聯苯(4-aminodiphenyl)<br>2) 聯苯胺(benzidine)<br>3) 4-氯鄰甲苯胺(4-chloro-o-toluidine)<br>4) 2-萘胺(2-naphthylamine)<br>5) 鄰氨基偶氮甲苯(2-aminoazotoluene)<br>6) 2-氨基-4-硝基甲苯(2-amino-4-nitrotoluene)<br>7) 對氯苯胺(p-chloroaniline)<br>8) 2,4-二氨基苯甲醚(2,4-diaminoanisole)<br>9) 4,4'-二氨基二苯甲烷<br>(4,4'-diaminodiphenylmethane)<br>10) 3,3'-二氯聯苯胺(3,3'-dichlorobenzidine)<br>11) 3,3'-二甲氧基聯苯胺<br>(3,3'-dimethoxybenzidine)<br>12) 3,3'-二甲基聯苯胺<br>(3,3'-dimethylbenzidine)<br>13) 3,3'-二甲基-4,4'二氨基二苯甲烷<br>(3,3'-dimethyl-4,4'-diaminodiphenylmethane)<br>14) 3-氨基對甲苯甲醚(p-克利酊)(p-cresidine)<br>15) 4,4'-次甲基-雙-(2-氯苯胺)<br>[4,4'-methylene-bis-(2-chloroaniline)]<br>16) 4,4'-二氨基二苯醚(4,4'-oxydianiline)<br>17) 4,4'-二氨基二苯硫醚(4,4'-thiodianiline)<br>18) 鄰甲苯胺(2-toluidine)<br>19) 2,4'-二氨基甲苯(2,4-toluylenediamine)<br>20) 2,4,5-三甲基苯胺(2,4,5-trimethylaniline)<br>21) 鄰甲基苯胺(鄰氨基苯甲醚)(2-anisidine)<br>22) 2,4-二甲基苯胺(2,4-xylidine)<br>23) 2,6-二甲基苯胺(2,6-xylidine) | GB 20400-2006 Cl. 5 &表 1 (可分解芳香胺染料) and Cl. 6.1<br><br>*Test procedures for compliance testing:*<br>GB/T 19942-2019<br><br>(Techniques used are GC-MSD and HPLC-DAD) |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Chemical Testing 化學測試 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Products made of textile<br>(exclude platic components) | Content of compounds based on chlorobenzenes and chlorotoluenes:-<br>2-Chlorotoluene<br>3-Chlorotoluene<br>4-Chlorotoluene<br>2,3-Dichlorotoluene<br>2,4-Dichlorotoluene<br>2,5-Dichlorotoluene<br>2,6-Dichlorotoluene<br>3,4-Dichlorotoluene<br>2,3,6-Trichlorotoluene<br>2,4,5-Trichlorotoluene<br>Pentachlorotoluene<br>1,2-Dichlorobenzene<br>1,3-Dichlorobenzene<br>1,4-Dichlorobenzene<br>1,2,3-Trichlorobenzene<br>1,2,4-Trichlorobenzene<br>1,3,5-Trichlorobenzene<br>1,2,3,4-Tetrachlorobenzene<br>1,2,3,5-Tetrachlorobenzene<br>1,2,4,5-Tetrachlorobenzene<br>Pentachlorobenzene<br>Hexachlorobenzene | EN 17137:2018 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司

1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Chemical Testing 化學測試** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Leather | Chromium (VI) content | ISO 17075-1:2017<br>ISO 17075-2:2017 |
| 嬰幼兒及兒童紡織產品<br>Infants and children textile products | 總鉛和總鎘含量<br>Total content of lead and cadmium | GB 31701-2015 Cl. 4.2 & 5.2<br>*Test procedures for compliance testing:*<br>GB/T 30157-2013 |
| | 鄰苯二甲酸酯<br>The content of phthalate<br>- 鄰苯二甲酸二丁酯<br>- Dibutyl phthalate (DBP)<br>- 鄰苯二甲酸丁基苄基酯<br>- Benxyl butyl phthalate (BBP)<br>- 鄰苯二甲酸二(2-乙基)己酯<br>- Di-(2ethylhexyl) phthalate (DEHP)<br>- 鄰苯二甲酸二異壬酯<br>- Diisononyl phthalate (DINP)<br>- 鄰苯二甲酸二辛酯<br>- Di-n-octyl phthalate (DnOP)<br>- 鄰苯二甲酸二異癸酯<br>- Diisodecyl phthalate (DIDP) | GB 31701-2015 Cl. 4.2 & 5.3<br>*Test procedures for compliance testing:*<br>GB/T 20388-2016 |
| 機織嬰幼兒服裝<br>Woven garments for infants | 鄰苯二甲酸酯<br>The content of phthalate<br>- 鄰苯二甲酸二丁酯<br>- Dibutyl phthalate (DBP)<br>- 鄰苯二甲酸丁基苄基酯<br>- Benxyl butyl phthalate (BBP)<br>- 鄰苯二甲酸二(2-乙基)己酯<br>- Di-(2ethylhexyl) phthalate (DEHP)<br>- 鄰苯二甲酸二異壬酯<br>- Diisononyl phthalate (DINP)<br>- 鄰苯二甲酸二辛酯<br>- Di-n-octyl phthalate (DnOP)<br>- 鄰苯二甲酸二異癸酯<br>- Diisodecyl phthalate (DIDP) | GB/T 33271-2016 Cl. 4.13 & 5.4.6<br>*Test procedures for compliance testing:*<br>GB/T 20388-2016 |
| | 總鉛和總鎘含量<br>Total content of lead and cadmium | GB/T 33271-2016 Cl. 4.13 & 5.4.7<br>*Test procedures for compliance testing:*<br>GB/T 30157-2013 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司

1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Chemical Testing 化學測試** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| 機織嬰幼兒服裝(續上)<br>Woven garments for infants (cont'd) | 芳香胺(偶氮染料)Amine (Azo colourants) :<br><br>1) 4-氨基聯苯(4-aminodiphenyl)<br>2) 聯苯胺(benzidine)<br>3) 4-氯鄰甲苯胺(4-chloro-o-toluidine)<br>4) 2-萘胺(2-naphthylamine)<br>5) 鄰氨基偶氮甲苯(2-aminoazotoluene)<br>6) 2-氨基-4-硝基甲苯(2-amino-4-nitrotoluene)<br>7) 對氯苯胺(p-chloroaniline)<br>8) 2,4-二氨基苯甲醚(2,4-diaminoanisole)<br>9) 4,4'-二氨基二苯甲烷<br>(4,4'-diaminodiphenylmethane)<br>10) 3,3'-二氯聯苯胺(3,3'-dichlorobenzidine)<br>11) 3,3'-二甲氧基聯苯胺<br>(3,3'-dimethoxybenzidine)<br>12) 3,3'-二甲基聯苯胺<br>(3,3'-dimethylbenzidine)<br>13) 3,3'-二甲基-4,4'二氨基二苯甲烷<br>(3,3'-dimethyl-4,4'-diaminodiphenylmethane)<br>14) 3-氨基對甲苯甲醚 (p-克利酊)(p-cresidine)<br>15) 4,4'-次甲基-雙-(2-氯苯胺)<br>[4,4'-methylene-bis-(2-chloroaniline)]<br>16) 4,4'-二氨基二苯醚(4,4'-oxydianiline)<br>17) 4,4'-二氨基二苯硫醚(4,4'-thiodianiline)<br>18) 鄰甲苯胺(2-toluidine)<br>19) 2,4'-二氨基甲苯(2,4-toluylenediamine)<br>20) 2,4,5-三甲基苯胺(2,4,5-trimethylaniline)<br>21) 鄰甲基苯胺(鄰氨基苯甲醚)(2-anisidine)<br>22) 2,4-二甲基苯胺(2,4-xylidine)<br>23) 2,6-二甲基苯胺(2,6-xylidine)<br>24) 4-氨基偶氮苯 (4-aminoazobenzene) | GB/T 21294-2014 Cl 3.4 for<br>GB/T 33271-2016 Cl. 4.13 & 5.4.9<br><br>*Test procedures for compliance testing:*<br>GB/T 17592-2011 (for determination of the first 23 amines listed on the left)<br>GB/T 23344-2009 (for determination of 4-aminoazobenzene)<br><br>Techniques used are GC-MSD and HPLC-DAD for all test methods listed above. |
| | 可萃取重金屬含量<br>The content of extractable heavy metal<br>- 銻(Sb), 砷(As), 鉛(Pb), 鎘(Cd), 鉻(Cr), 鈷(Co), 銅(Cu), 鎳(Ni), 汞(Hg)<br>- Antimony(Sb), Arsenic(As), Lead (Pb), Cadmium (Cd), Chromium(Cr), Cobalt (Co), Copper(Cu), Nickel(Ni), Mercury(Hg) | GB/T 21294-2014 Cl 6.2.1 for<br>GB/T 33271-2016 Cl. 4.13 & 5.4.9<br>*Test procedures for compliance testing:*<br>GB/T 3922-2013 and ISO 17294-2:2003 |
| | - 鉻(六價)<br>- Cr(VI) | *Test procedures for compliance testing:*<br>GB/T 17593.3-2006 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Chemical Testing 化學測試 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| 兒童鞋<br>Children's footwear | | |
| 皮革和毛皮 | 六價鉻<br>Chromium (VI) content | GB 30585-2014 Cl. 5.3 & 6.6<br>*Test procedures for compliance testing:*<br>GB/T 22807-2019 |
| 皮革和毛皮、紡織品 | Amine (Azo colourants) :<br><br>1) 4-氨基聯苯(4-aminodiphenyl)<br>2) 聯苯胺(benzidine)<br>3) 4-氯鄰甲苯胺(4-chloro-o-toluidine)<br>4) 2-萘胺(2-naphthylamine)<br>5) 鄰氨基偶氮甲苯(2-aminoazotoluene)<br>6) 2-氨基-4-硝基甲苯(2-amino-4-nitrotoluene)<br>7) 對氯苯胺(p-chloroaniline)<br>8) 2,4-二氨基苯甲醚(2,4-diaminoanisole)<br>9) 4,4'-二氨基二苯甲烷<br>(4,4'-diaminodiphenylmethane)<br>10) 3,3'-二氯聯苯胺(3,3'-dichlorobenzidine)<br>11) 3,3'-二甲氧基聯苯胺<br>(3,3'-dimethoxybenzidine)<br>12) 3,3'-二甲基聯苯胺<br>(3,3'-dimethylbenzidine)<br>13) 3,3'-二甲基-4,4'二氨基二苯甲烷<br>(3,3'-dimethyl-4,4'-diaminodiphenylmethane)<br>14) 3-氨基對甲苯甲醚 (p-克利酊)(p-cresidine)<br>15) 4,4'-次甲基-雙-(2-氯苯胺)<br>[4,4'-methylene-bis-(2-chloroaniline)]<br>16) 4,4'-二氨基二苯醚(4,4'-oxydianiline)<br>17) 4,4'-二氨基二苯硫醚(4,4'-thiodianiline)<br>18) 鄰甲苯胺(2-toluidine)<br>19) 2,4'-二氨基甲苯(2,4-toluylenediamine)<br>20) 2,4,5-三甲基苯胺(2,4,5-trimethylaniline)<br>21) 鄰甲基苯胺(鄰氨基苯甲醚)(2-anisidine)<br>22) 2,4-二甲基苯胺(2,4-xylidine)<br>23) 2,6-二甲基苯胺(2,6-xylidine)<br>24) 4-氨基偶氮苯 (4-aminoazobenzene) | GB 30585-2014 Cl. 5.3 & 6.7<br>*Test procedures for compliance testing:*<br><br>For textile material:<br>GB/T 17592-2011 (for determination of the first 23 amines listed on the left)<br>GB/T 23344-2009 (for determination of 4-aminoazobenzene)<br><br>For leather material:<br>GB/T 19942-2019 (for determination of the first 23 amines listed on the left)<br>GB/T 33392-2016 (for determination of 4-aminoazobenzene)<br><br>Techniques used are GC-MSD and HPLC-DAD for all test methods listed above. |
| 兒童鞋 | 重金屬總含量<br>Total heavy metal content | GB 30585-2014 Cl. 5.3 & 6.9<br>*Test procedures for compliance testing:*<br>QB/T 4340-2012 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Chemical Testing 化學測試 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| 兒童鞋 (續上)<br>Children's footwear (cont'd) | | |
| 兒童鞋 | 富馬酸二甲酯<br>Dimethyl fumarate (DMF) | GB 30585-2014 Cl. 5.3 & 6.10<br>*Test procedures for compliance testing:*<br>GB/T 26713-2011 |
| 嬰幼兒鞋的橡膠部件 | N-亞硝基胺<br>N-nitrosamines<br><br>- N-亞硝基二甲胺<br>N-nitrosodimethylamine (NDMA)<br>- N-亞硝基二乙胺<br>N-nitrosodiethylamine (NDEA)<br>- N-亞硝基二丙胺<br>N-nitrosodipropylamine (NDPA)<br>- N-亞硝基二丁胺<br>N-nitrosodibutylamine (NDBA)<br>- N-亞硝基哌啶<br>N-nitrosopiperidine (NPIP)<br>- N-亞硝基吡咯烷<br>N-nitrosopyrrolidine (NPYR)<br>- N-亞硝基嗎啉<br>N-nitrosomorpholine (NMOR)<br>- N-亞硝基-N-甲基-N-苯胺<br>N-nitroso-N-methyl-N-phenylamine (NMPhA)<br>- N-亞硝基-N-乙基-N-苯胺<br>N-nitroso-N-ethyl-N-phenylamine(NEPhA) | GB 30585-2014 Cl. 5.3 & 6.11<br>*Test procedures for compliance testing:*<br>GB/T 24153-2009 |
| 兒童鞋和嬰幼兒鞋 | 鄰苯二甲酸酯<br>The content of phthalate<br><br>- 鄰苯二甲酸二丁酯<br>Dibutyl phthalate (DBP)<br>- 鄰苯二甲酸丁基苄基酯<br>Benxyl butyl phthalate (BBP)<br>- 鄰苯二甲酸二(2-乙基)己酯<br>Di-(2ethylhexyl) phthalate (DEHP)<br>- 鄰苯二甲酸二異壬酯<br>Diisononyl phthalate (DINP)<br>- 鄰苯二甲酸二辛酯<br>Di-n-octyl phthalate (DnOP)<br>- 鄰苯二甲酸二異癸酯<br>Diisodecyl phthalate (DIDP) | GB 30585-2014 Cl. 5.3 & 6.12<br>*Test procedures for compliance testing:*<br>ISO 16181-1: 2021<br>***<excluding the following>***<br>Cl. 8.1.2 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Chemical Testing 化學測試** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| 布面童膠鞋<br>Children's canvas rubber footwear | | |
| 鞋面、鞋里、內底鞋<br>（紡織材料、合成革和人造革） | 可萃取的重金屬鉛(Pb)、鎘(Cd)、砷(As)<br>Extractable heavy metal Lead (Pb), Cadmium (Cd), Arsenic (As) | GB 25036-2010 Cl. 5.2 & 6.1.3<br>*Test procedures for compliance testing:*<br>GB/T 17593.2-2007 |
| | Amine (Azo colourants) :<br><br>1) 4-氨基聯苯(4-aminodiphenyl)<br>2)聯苯胺(benzidine)<br>3) 4-氯-鄰甲苯胺(4-chloro-o-toluidine)<br>4) 2-萘胺(2-naphthylamine)<br>5)鄰氨基偶氮甲苯(o-aminoazotoluene)<br>6) 2-氨基-4-硝基甲苯(2-amino-4-nitrotoluene)<br>7)對氯苯胺(p-chloroaniline)<br>8) 2,4-二氨基苯甲醚(2,4-diaminoanisole)<br>9) 4,4'-二氨基二苯甲烷 (4,4'-diaminodiphenylmethane)<br>10) 3,3'-二氯聯苯胺(3,3'-dichlorobenzidine)<br>11) 3,3'-二甲氧基聯苯胺 (3,3'-dimethoxybenzidine)<br>12) 3,3'-二甲基聯苯胺 (3,3'-dimethylbenzidine)<br>13) 3,3'-二甲基-4,4'-二氨基二苯甲烷 (3,3'-dimethyl-4,4'-diaminodiphenylmethane)<br>14) 對甲酚定(p-cresidine)<br>15) 4,4-亞甲基-二-(2-氯苯胺) [4,4'-methylene-bis-(2-chloroaniline)]<br>16) 4,4'-氧化二苯胺(4,4'-oxydianiline)<br>17) 4,4'-硫化二苯胺(4,4'-thiodianiline)<br>18)鄰甲苯胺(o-toluidine)<br>19) 2,4-二氨基甲苯(2,4-diaminotoulene)<br>20) 2,4,5-三甲基苯胺(2,4,5-trimethylaniline)<br>21)鄰甲氧基苯胺 (o-anisidine)<br>22) 2,4-二甲基苯胺(2,4-xylidine)<br>23) 2,6-二甲基苯胺(2,6-xylidine) | GB 25036-2010 Cl. 5.2 & 6.1.4<br>*Test procedures for compliance testing:*<br>GB/T 17592-2006<br><br>(Techniques used are GC-MSD and HPLC-DAD) |
| | 五氯苯酚(PCP)、2,3,5,6-四氯苯酚(TeCP)<br>Pentachlorophenol (PCP), 2,3,5,6-Tetrachlorophenol (TeCP) | GB 25036-2010 Cl. 5.2 & 6.1.5<br>*Test procedures for compliance testing:*<br>GB/T 18414.2-2006 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Chemical Testing 化學測試 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| 布面童膠鞋 (續上)<br>Children's canvas rubber footwear (cont'd) | | |
| 膠製部件 | N-亞硝基胺<br>N-nitrosamines<br><br>- N-亞硝基二甲胺<br>N-nitrosodimethylamine (NDMA)<br>- N-亞硝基二乙胺<br>N-nitrosodiethylamine (NDEA)<br>- N-亞硝基二丙胺<br>N-nitrosodipropylamine (NDPA)<br>- N-亞硝基二丁胺<br>N-nitrosodibutylamine (NDBA)<br>- N-亞硝基哌啶<br>N-nitrosopiperidine (NPIP)<br>- N-亞硝基吡咯烷<br>N-nitrosopyrrolidine (NPYR)<br>- N-亞硝基嗎啉<br>N-nitrosomorpholine (NMOR)<br>- N-亞硝基-N-甲基-N-苯胺<br>N-nitroso-N-methyl-N-phenylamine (NMPhA)<br>- N-亞硝基-N-乙基-N-苯胺<br>N-nitroso-N-ethyl-N-phenylamine(NEPhA) | GB 25036-2010 Cl. 5.2 & 6.1.6<br>*Test procedures for compliance testing:*<br>GB/T 24153-2009 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Chemical Testing 化學測試 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| 膠鞋<br>Rubber shoes | | |
| 鞋面、鞋里、內底鞋<br>（紡織材料、合成革和人造革） | 可萃取的重金屬鉛(Pb)、鎘(Cd)、砷(As)<br>Extractable heavy metal Lead (Pb), Cadmium (Cd), Arsenic (As) | GB 25038-2010 Cl. 5 & 6.3<br>*Test procedures for compliance testing:*<br>GB/T 17593.2-2007 |
| | Amine (Azo colourants) :<br><br>1) 4-氨基聯苯(4-aminobiphenyl)<br>2)聯苯胺(benzidine)<br>3) 4-氯-鄰甲苯胺(4-chloro-o-toluidine)<br>4) 2-萘胺(2-naphthylamine)<br>5)鄰氨基偶氮甲苯(o-aminoazotoluene)<br>6) 2-氨基-4-硝基甲苯(2-amino-4-nitrotoluene)<br>7)對氯苯胺(p-chloroaniline)<br>8) 2,4-二氨基苯甲醚(2,4-diaminoanisole)<br>9) 4,4'-二氨基二苯甲烷<br>(4,4'-diaminodiphenylmethane)<br>10) 3,3'-二氯聯苯胺(3,3'-dichlorobenzidine)<br>11) 3,3'-二甲氧基聯苯胺<br>(3,3'-dimethoxybenzidine)<br>12) 3,3'-二甲基聯苯胺<br>(3,3'-dimethylbenzidine)<br>13) 3,3'-二甲基-4,4'-二氨基二苯甲烷<br>(3,3'-dimethyl-4,4'-diaminodiphenylmethane)<br>14) 對甲酚定 (p-cresidine)<br>15) 4,4'-亞甲基-二-(2-氯苯胺)<br>[4,4'-methylene-bis-(2-chloroaniline)]<br>16) 4,4'-氧化二苯胺(4,4'-oxydianiline)<br>17) 4,4'-硫化二苯胺(4,4'-thiodianiline)<br>18)鄰甲苯胺(o-toluidine)<br>19) 2,4-二氨基甲苯胺(2,4-diaminotolulene)<br>20) 2,4,5-三甲基苯胺(2,4,5-trimethylaniline)<br>21)鄰茴香胺(o-anisidine)<br>22) 2,4-二甲基苯胺(2,4-xylidine)<br>23) 2,6-二甲基苯胺(2,6-xylidine) | GB 25038-2010 Cl. 5 & 6.4<br>*Test procedures for compliance testing:*<br>GB/T 17592-2006<br><br>(Techniques used are GC-MSD and HPLC-DAD) |
| | 五氯苯酚(PCP)、2,3,5,6-四氯苯酚(TeCP)<br>Pentachlorophenol (PCP),<br>2,3,5,6-Tetrachlorophenol (TeCP) | GB 25038-2010 Cl. 5 & 6.5<br>*Test procedures for compliance testing:*<br>GB/T 18414.2-2006 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Chemical Testing 化學測試 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| 膠鞋 (續上)<br>Rubber shoes (cont'd) | | |
| 膠製部件 | N-亞硝基胺<br>N-nitrosamines<br><br>- N-亞硝基二甲胺<br>N-nitrosodimethylamine (NDMA)<br>- N-亞硝基二乙胺<br>N-nitrosodiethylamine (NDEA)<br>- N-亞硝基二丙胺<br>N-nitrosodipropylamine (NDPA)<br>- N-亞硝基二丁胺<br>N-nitrosodibutylamine (NDBA)<br>- N-亞硝基哌啶<br>N-nitrosopiperidine (NPIP)<br>- N-亞硝基吡咯烷<br>N-nitrosopyrrolidine (NPYR)<br>- N-亞硝基嗎啉<br>N-nitrosomorpholine (NMOR)<br>- N-亞硝基-N-甲基-N-苯胺<br>N-nitroso-N-methyl-N-phenylamine (NMPhA)<br>- N-亞硝基-N-乙基-N-苯胺<br>N-nitroso-N-ethyl-N-phenylamine(NEPhA) | GB 25038-2010 Cl. 5 & 6.6<br>*Test procedures for compliance testing:*<br>GB/T 24153-2009 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Chemical Testing 化學測試 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Leather materials in protective gloves | - Chromium (VI) content | ISO 21420:2020 Cl. 4.2a<br>*Test procedures for compliance testing:*<br>ISO 17075-1:2017<br>ISO 17075-2:2017 |
| Metallic materials in protective gloves which could come into prolonged contact with the skin | - Release of nickel | ISO 21420:2020 Cl. 4.2b<br>*Test procedures for compliance testing:*<br>EN 1811:2011+A1:2015 |
| Protective glove materials | - pH value | ISO 21420:2020 Cl. 4.2c<br>*Test procedures for compliance testing:*<br>For leather products:<br>ISO 4045:2018<br><***excluding the following***><br>Cl. 8.4<br>For other materials:<br>ISO 3071:2020 |
| Textile and leather materials in protective gloves | - Amine (Azo colourants) :<br>1) 4-aminodiphenyl<br>2) benzidine<br>3) 4-chloro-o-toluidine<br>4) 2-naphthylamine<br>5) o-aminoazotoluene<br>6) 5-nitro-o-toluidine<br>7) 4-chloroaniline<br>8) 4-methoxy-m-phenylenediamine<br>9) 4,4'-diaminodiphenylmethane<br>10) 3,3'-dichlorobenzidine<br>11) 3,3'-dimethoxybenzidine<br>12) 3,3'-dimethylbenzidine<br>13) 4,4'-methylenedi-o-toliodone<br>14) p-cresidine<br>15) 4,4'-methylene-bis-(2-chloroaniline)<br>16) 4,4'-oxydianiline<br>17) 4,4'-thiodianiline<br>18) o-toluidine<br>19) 4-methyl-m-phenylenediamine<br>20) 2,4,5-trimethylaniline<br>21) 2-methoxyaniline<br>22) 2,4-xylidine<br>23) 2,6-xylidine<br>24) 4-aminoazobenzene | ISO 21420:2020 Cl. 4.2d<br>*Test procedures for compliance testing:*<br>For leather products:<br>ISO 17234-1:2020 (for determination of the first 23 amines listed on the left)<br>ISO 17234-2: 2011 (for determination of 4-aminoazobenzene )<br>For textile products:<br>ISO 14362-1:2017 (for determination of the first 21 amines listed on the left)<br>ISO 14362-3: 2017 (for determination of 4-aminoazobenzene)<br><br>Techniques used are GC-MSD and HPLC-DAD for all test methods listed above. |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Chemical Testing 化學測試 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Protective gloves materials containing PU | - Dimethylformamide | ISO 21420:2020 Cl. 4.2e<br>*Test procedures for compliance testing:*<br>EN 16778:2016 |
| Rubber or plastic materials in protective gloves that intended to come in direct contact with the skin | - Polycyclic aromatic hydrocarbons (PAHs)<br>Benzo[a]pyrene<br>Benzo[e]pyrene<br>Benzo[a]anthracene<br>Chrysene<br>Benzo[b]fluoranthene<br>Benzo[j]fluoranthene<br>Benzo[k]fluoranthene<br>Dibenzo[a,b]anthracene | ISO 21420:2020 Cl. 4.2f<br>*Test procedures for compliance testing:*<br>ISO 16190:2021 |
| Footwear | The content of phthalate: -<br>Dibutyl phthalate (DBP)<br>Benxyl butyl phthalate (BBP)<br>Di-(2ethylhexyl) phthalate (DEHP)<br>Diisodecyl phthalate (DIDP)<br>Diisononyl phthalate (DINP)<br>Di-n-octyl phthalate (DnOP)<br>Diisobutyl phthalate (DIBP) | ISO 16181-1:2021<br>***<excluding the following>***<br>Cl. 8.1.2 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Chemical Testing 化學測試 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Leather protective clothing | - Chromium (VI) content | ISO 13688:2013/Amd. 1: 2021 Cl. 4.2a<br>*Test procedures for compliance testing:*<br>ISO 17075-1:2017<br>ISO 17075-2:2017 |
| Metallic material in protective clothing which could come into prolonged contact with the skin | - Release of nickel | ISO 13688:2013/Amd. 1: 2021 Cl. 4.2b<br>*Test procedures for compliance testing:*<br>EN 1811:2011+A1:2015 |
| Protective clothing material | - pH value | ISO 13688:2013/Amd. 1: 2021 Cl. 4.2c<br>*Test procedures for compliance testing:*<br>For leather products:<br>ISO 4045:2018<br>For textile materials:<br>ISO 3071:2020 |
| Textile materials in protective clothing | - Amine (Azo colourants) :<br>1) 4-aminodiphenyl<br>2) benzidine<br>3) 4-chloro-o-toluidine<br>4) 2-naphthylamine<br>5) o-aminoazotoluene<br>6) 5-nitro-o-toluidine<br>7) 4-chloroaniline<br>8) 4-methoxy-m-phenylenediamine<br>9) 4,4'-diaminodiphenylmethane<br>10) 3,3'-dichlorobenzidine<br>11) 3,3'-dimethoxybenzidine<br>12) 3,3'-dimethylbenzidine<br>13) 4,4'-methylenedi-o-toliodone<br>14) p-cresidine<br>15) 4,4'-methylene-bis-(2-chloroaniline)<br>16) 4,4'-oxydianiline<br>17) 4,4'-thiodianiline<br>18) o-toluidine<br>19) 4-methyl-m-phenylenediamine<br>20) 2,4,5-trimethylaniline<br>21) 2-methoxyaniline<br>22) 4-aminoazobenzene | ISO 13688:2013/Amd. 1: 2021 Cl. 4.2d<br>*Test procedures for compliance testing:*<br>ISO 14362-1:2017 (for determination of the first 21 amines listed on the left)<br>ISO 14362-3: 2017 (for determination of 4-aminoazobenzene)<br><br>Techniques used are GC-MSD and HPLC-DAD for all test methods listed above |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

## Chemical Testing 化學測試

| ITEM TESTED OR MEASURED<br>測試或量度項目 | SPECIFIC TEST OR PROPERTY MEASURED<br>特定測試或量度的特性 | SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED<br>規範、標準方法或應用技術 |
|---|---|---|
| Plastic materials | Cadmium content | Regulation (EC) No. 1907/2006 on REACH Annex XVII Item No 23 as amended by Commission Regulation (EC) No. 494/2011 and Corr.<br>Netherlands Law Gazette 1999 No. 149 and Amd. In September 2000 No. 186 (Chemical Substances Act Cadmium Decree)<br>Swedish Ordinance SFS 1985: 839<br>Switzerland Environmentally Hazardous Substances (Ordinance on Substances) Annex 4.11 for cadmium content<br>*Test procedures for compliance testing:*<br>EN 1122:2001 Method B (wet decomposition)<br>BS EN 1122: 2001 Method B (wet decomposition) |
| Products intended to come into direct and prolonged contact with the skin and piercing post assemblies | Release of nickel | Regulation (EC) No. 1907/2006 on REACH Annex XVII Item No 27 as amended by Commission Regulation (EC) No. 552/2009<br>*Test procedures for compliance testing:*<br>BS EN 1811: 2023<br>EN 1811:2023 |
| Coated articles that come into direct and prolonged contact with the skin (excluding articles with an outer coating containing nickel and those which are inserted into pierced ears and other parts of the human body) | Release of nickel | Regulation (EC) No. 1907/2006 on REACH Annex XVII Item No 27 as amended by Commission Regulation (EC) No. 552/2009<br>*Test procedures for compliance testing:*<br>BS EN 12472: 2020 & BS EN 1811: 2023<br>EN 12472: 2020 & EN 1811: 2023 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Chemical Testing 化學測試 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Spectacle frames | Release of nickel | BS EN ISO 12870:2018 Cl. 4.2.3 and 5.2<br>EN ISO 12870: 2018 Cl. 4.2.3 and 5.2<br>ISO 12870:2016 Cl. 4.2.3 and 5.2<br>*Test procedures for compliance testing:*<br>EN 16128:2015<br>***<Excluding Cl.7 >***<br>EN 12472: 2020 & EN 16128:2015<br>***<Excluding the following>***<br>Cl.7 of EN 16128:2015 |
| Spectacle frames of sunglass | Release of nickel | EN ISO 12312-1: 2013+A1: 2015 Cl. 4.3 in conjunction with BS EN ISO 12870: 2018 Cl. 4.2.3 and 5.2<br>ISO 12312-1: 2013+A1: 2015 CI. 4.3 in conjunction with ISO 12870: 2016 Cl. 4.2.3 and 5.2<br>*Test procedures for compliance testing:*<br>EN 16128: 2015<br>***<Excluding Cl.7 >***<br>EN 12472: 2020 & EN 16128:2015<br>***<Excluding the following>***<br>Cl.7 of EN 16128:2015 |
| Surface coating materials | | Canada Consumer Product Safety Act (S.C. 2010, c. 21) Surface Coating Materials Regulations (SOR/2016-193) as amended by SOR/2022-122, Sections 2 and Section 5<br><br>*Test procedures for compliance testing:* |
| | - Total lead content | Canada Health Product Safety Reference Manual Book 5 –Laboratory Policies and Procedures, Part B: Test Methods Section, Method C-02.2.1 Determination of Total Lead in Surface Coating Materials in Consumer Products by Inductively Coupled Plasma Mass Sepctrometry (ICP-MS) (2021-06-02) |
| | - Total mercury content | Canada Health Product Safety Reference Manual Book 5 –Laboratory Policies and Procedures, Part B: Test Methods Section, Method C-07 Determination of Total Mercury in Surface Coating Materials, Applied Coatings and Cosmetic Samples by Direct Mercury Analyzer Wide Range (DMA 80 WR) (2023-07-19) |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司

1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Chemical Testing 化學測試 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Hot water bottles manufactured from rubber and PVC | - Migration of the elements Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium | BS 1970:2012 Clause 3 |
| | Tests for toxic elements : | |
| Cosmetic Products (Toner, cream, nail polish for beauty purpose) | Arsenic, Cadmium, Lead, Mercury, Antimony, Copper | In-house method CSHM1-001 (ICP-OES) |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Chinese Medicine 中藥 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Proprietary Chinese medicines and Chinese herbal medicines | Toxic elements:<br>Arsenic, Cadmium, Lead, Mercury, Copper, Antimony, Tin, Chromium | In-house Method TCM HM1-001 (ICP-OES)<br>In-house Method TCM HM2-001 (ICP-MS) |
| | Pesticides residues<br>- Organochlorine pesticides:<br>Aldrin, Dieldrin, Endrin, cis-Chlordane, trans-Chlordane, Oxychlordane, Heptachlor, Heptachlor epoxide, Hexachlorocyclohexane isomers (alpha-, beta- and delta-BHC), Lindane, Hexachlorobenzene, Methyl pentachlorophenyl sulphide, Pentachloroaniline, Quintozene (pentachloronitrobenzene), 2,4'-DDT, 4,4'-DDT, 4,4'-DDE and 4,4'-DDD, Endosulfan I, Endosulfan II, Endosulfan sulphate, Methoxychlor | In-house method TCM PEST 1-002 (GC-MSD) |
| Proprietary Chinese Medicines | Microbiological tests :- | |
| | - 微生物限度檢查法 Microbial Limit Test<br>細菌數 Aerobic bacteria count<br>黴菌與酵母菌數 Mold and Yeast count<br>大腸桿菌 *E. coli*<br>沙門菌 *Salmonella species*<br>銅綠假單胞菌 *Pseudomonas aeruginosa*<br>金黃色葡萄球菌 *Staphylococcus aureus* | 中華人民共和國藥典2000年版一部附錄 XIIIC<br>Pharmacopoeia of the People's Republic of China 2000, Volume I, App. XIIIC |
| | - 微生物限度檢查法 Microbial Limit Test<br>細菌數 Aerobic bacteria count<br>黴菌與酵母菌數 Mold and Yeast count<br>大腸埃希菌 *E. coli*<br>沙門菌 *Salmonella*<br>銅綠假單胞菌 *Pseudomonas aeruginosa*<br>金黃色葡萄球菌 *Staphylococcus aureus*<br>大腸菌群 *Coliform*<br>梭菌 *Clostridium* | 中華人民共和國藥典 2005 年版一部附錄 XIIIC<br>Pharmacopoeia of the People's Republic of China 2005, Volume I, App. XIII C |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Chinese Medicine 中藥 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Microbiological tests :- (cont'd) | |
| Proprietary Chinese Medicines | - 微生物限度檢查法 Microbial Limit Test<br>細菌數 Aerobic bacteria count<br>黴菌與酵母菌數 Mold and Yeast count<br>大腸埃希菌 *E. coli*<br>沙門菌 *Salmonella*<br>銅綠假單胞菌 *Pseudomonas aeruginosa*<br>金黃色葡萄球菌 *Staphylococcus aureus*<br>大腸菌群 *Coliform*<br>梭菌 *Clostridium*<br>白色念珠菌 *Candida albicans* | 中華人民共和國藥典2010年版一部附錄 XIIIC (中文版)<br>Pharmacopoeia of the People's Republic of China 2010, Volume I, App. XIII C (Chinese Edition) |
| Proprietary Chinese Medicines<br>(Non-sterile products) | 非無菌药品微生物限度標準<br>Microbial Limits for Non-sterile Pharmaceutical Products | 中華人民共和國藥典2015年版四部通則 (中文版) 1107段<br>Pharmacopoeia of the People's Republic of China 2015, Volume IV (Chinese Edition) 1107 |
| | - 微生物計數法 Microbial Enumeration tests<br>- 需氧菌總數Total Aerobic Microbial Count<br>- 黴菌與酵母菌數Total Combined Yeasts and Molds Count | *Test Procedures for compliance testing*:<br>中華人民共和國藥典2015年版四部通則 (中文版) 1105段<br>Pharmacopoeia of the People's Republic of China 2015, Volume IV (Chinese Edition) 1105 |
| | - 控制菌檢查法<br>Test for specified microorganisms<br>- 金黃色葡萄球菌 *Staphylococcus aureus*<br>- 銅綠假單胞菌 *Pseudomonas aeruginosa*<br>- 大腸埃希菌 *Escherichia coli*<br>- 沙門菌 *Salmonella*<br>- 耐膽鹽革蘭陰性菌 Bile-Tolerant Gram-Negative Bacteria<br>- 梭菌 *Clostridia*<br>- 白色念珠菌 *Candida albicans* | 中華人民共和國藥典2015年版四部通則 (中文版) 1106段<br>Pharmacopoeia of the People's Republic of China 2015, Volume IV (Chinese Edition) 1106 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Chinese Medicine 中藥 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Microbiological tests :- (cont'd) | |
| Proprietary Chinese Medicines (pCM)<br>(Non-sterile products) | | |
| 非無菌不含藥材原粉的中藥製劑<br>Non-sterile pCm products without crude drug powder | 非無菌药品微生物限度標準<br>Microbial Limits for Non-sterile Pharmaceutical Products | 中華人民共和國藥典 2020 年版四部通則<br>(中文版) 1107段點3及點8<br>Pharmacopoeia of the People's Republic of China 2020, Volume IV (Chinese Edition) 1107 Cl. 3 & Cl. 8 |
| 非無菌含藥材原粉的中藥製劑<br>Non-sterile pCm products with crude drug powder | | 中華人民共和國藥典 2020 年版四部通則<br>(中文版) 1107段點4及點8<br>Pharmacopoeia of the People's Republic of China 2020, Volume IV (Chinese Edition) 1107 Cl. 4 & Cl. 8 |
| 非無菌藥用原料及輔料<br>Non-sterile pCm Substances for Pharmaceutical Use | | 中華人民共和國藥典 2020 年版四部通則<br>(中文版) 1107段點5及點8<br>Pharmacopoeia of the People's Republic of China 2020, Volume IV (Chinese Edition) 1107 Cl. 5 & Cl. 8 |
| 中藥提取物<br>Chinese Medicine Extracts | | 中華人民共和國藥典 2020 年版四部通則<br>(中文版) 1107段點6及點8<br>Pharmacopoeia of the People's Republic of China 2020, Volume IV (Chinese Edition) 1107 Cl. 6 & Cl. 8 |
| | - 微生物計數法 Microbial Enumeration tests<br>- 需氧菌總數 Total Aerobic Microbial Count<br>- 黴菌與酵母菌數 Total Combined Yeasts and Molds Count | *Test Procedures for compliance testing*:<br>中華人民共和國藥典 2020 年版四部通則<br>(中文版) 1105段<br>Pharmacopoeia of the People's Republic of China 2020, Volume IV (Chinese Edition) 1105 |
| | - 控制菌檢查法<br>Test for specified microorganisms<br>- 金黃色葡萄球菌 *Staphylococcus aureus*<br>- 銅綠假單胞菌 *Pseudomonas aeruginosa*<br>- 大腸埃希菌 *Escherichia coli*<br>- 沙門菌 *Salmonella*<br>- 梭菌 *Clostridia*<br>- 白色念珠菌 *Candida albicans*<br>- 耐膽鹽革蘭陰性菌 Bile-Tolerant Gram-Negative Bacteria | 中華人民共和國藥典 2020 年版四部通則<br>(中文版) 1106段<br>Pharmacopoeia of the People's Republic of China 2020, Volume IV (Chinese Edition) 1106 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司

1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Electrical and Electronic Products 電氣及電子產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Safety tests :- | |
| Consumer products containing button batteries or coin cell batteries | - Compliance inspection and safety tests | 16 CFR 1263<br>in conjunction with ANSI/UL 4200A-2023<br><br>ANSI/UL 4200A-2023 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Environmental Testing 環境測試 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Physical Examination :- | |
| Water and Wastewater | - Colour | APHA 23e 2120 B<br>*<excluding>*<br>Cl. 1d and 1e |
| | - Dissolved Oxygen | APHA 23e 4500-OB & C |
| | - pH value | APHA 23e 4500-$H^+$B |
| | - Total Suspended Solids dried at 103℃ - 105℃ | APHA 17e 2540D<br>APHA 23e 2540D<br>In-house method ENV-TSS-003 |
| | - Conductivity | APHA 23e 2510 B |
| | - Turbidity | APHA 23e 2130 B |
| | Non-metallic Constituents :- | |
| Water and Wastewater | - Chloride | APHA 23e 4500-$Cl^-$ B |
| | - Total residual chlorine | APHA 23e 4500-Cl G |
| | - Free residual chlorine | APHA 23e 4500-Cl G |
| | - Nitrogen - Ammonia | In-house method ENV-NH3-002 (By FIA) |
| | - Nitrogen - Nitrate | In-house method ENV-NO3-002 (By FIA) |
| | - Nitrogen - Nitrite | In-house method ENV-NO3-002 (By FIA) |
| | - Nitrogen - Nitrite + Nitrate | In-house method ENV-NO3-002 (By FIA) |
| | - Sulfate | APHA 23e 4500 $SO_4^{2-}$ E |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Environmental Testing 環境測試 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Organic Pollutants :- | |
| Water and Wastewater (cont'd) | - Biochemical Oxygen Demand | APHA 23e 5210 B<br>BS 6068, Section 2.63:1998 |
| | - Chemical Oxygen Demand | APHA 23e 5220 B (Open reflux)<br>In house method ENV-COD-002 (Closed reflux) |
| | - Oil and grease | APHA 23e 5520B |
| | - Anionic surfactant | APHA 23e 5540 B & C |
| | - Non-ionic surfactant | BS6068-Section 2.24:1986 |
| | - Total surfactant (anionic and non-ionic) | In-house method ENV-SURFACTANTS-003<br>(By calculation) |
| | Trace metals : -<br>(Dissolved and total recoverable) | |
| | - Antimony, Arsenic, Barium, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Selenium, Manganese and Zinc | In house method ENV-M-001 (ICP-MS) |
| | - Iron | In house method ENV-M-002 (ICP-OES) |
| | Physical Examination: - | |
| Saline water | - Total Suspended Solids dried at 103℃ - 105℃ | APHA 23e 2540D<br>In-house method ENV-TSS-003 |
| | TCLP Metals :<br>(Toxicity Characteristic Leaching Procedures) | |
| Soil and Sediment | - Extraction procedure | USEPA SW-846 Method 1311<br>(Revision 0, July 1992) |
| | - Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Tin, Vanadium, Zinc | In-house method ENV-TCLP-002<br>(by ICP-OES)<br>(by ICP-MS) |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Environmental Testing 環境測試 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Microbiological tests:- | |
| Water and Wastewater<br>(cont'd) | - Total *Coliform* counts | DoE(1983) The Bacteriological Examination of Drinking Water Supplies, 1983<br>(Membrane Filtration Procedure: Sections 7.8, 7.9.4.1 Bacterial Confirmation: Section 7.9.4.3)<br><br>DoE/DH/PHLS<br>The Microbiology of Water (1994) Part 1 Drinking Water Section 7.5 & 7.7<br>(Membrane Filtration Method) |
| | - Heterotrophic plate count (35°C) | APHA 24e 9215B<br>(Pour Plate Method) |
| | - *E. coli* count | DoE (1983) The Bacteriological Examination of Drinking Water Supplies, 1983<br>(Membrane Filtration Procedure: Sections 7.8, 7.9.4.2; Bacterial Confirmation: Section 7.9.4.4)<br><br>DoE (1983) The Bacteriological Examination of Drinking Water Supplies, 1983<br>(Membrane Filtration Procedure: Sections 7.8, 7.9.4.2; Bacterial Confirmation: Section: in situ urease test)<br><br>DoE/DH/PHLS<br>The Microbiology of Water (1994) Part 1 Drinking Water Section 7.5 & 7.7<br>(Membrane Filtration Method followed by in situ urease test) |
| Water, Wastewater and Marine Water | - *E. coli* count<br>- Fecal Coliform count | Environmental Microbiology Laboratory Test Method Manual TM09/EC/10/098 Issue 3, Environmental Protection Department, HK |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Environmental Testing 環境測試** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Microbiological tests:- | |
| Water, Wastewater and cooling tower water | - Legionellae count including *Legionella Pneumophila count* | AS/NZS 3896: 1998<br>AS/NZS 3896: 1991 (Membrane Filtration method)<br>AS 3896: 2017 |
| Potable water and treated water | - Legionellae count including *Legionella Pneumophila count* | ISO 11731:2017(E)<br>(Diect membrane filtration method) |
| Collectate sampled by<br>SAS Super 180TM Air Sampler | Airborne Bacteria Count<br>(adjusted number of colonies on agar plate)<br>(30℃ for 2 days) | In-house method FM_Air_ABC(SAS) |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Food 食品** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Toxicology tests :- | |
| Food containers<br>(Ceramicware) | - Leachable lead and cadmium | US FDA CPG Sec. 545.400 and CPG Sec. 545.450 Pottery (Ceramics) - Leachable Lead and Cadmium<br>*Test procedures for compliance testing:-*<br>AOAC Official Methods 973.32 (2005)<br>AOAC Official Methods 973.82 (2005)<br><br>European Communities Council Directive 84/500/EEC and amendment European Commission Directive 2005/31/EC<br><br>EN 1388-1: 1995<br>BS EN 1388-1:1996<br>DIN EN 1388-1: 1995<br><br>UK The Ceramic Ware (Safety) Regulations SI 1179 : 2006 |
| Food containers<br>(Glazed Ceramic and Glassware) | - Leachable lead and cadmium | Health Canada Product Safety Reference Manual Book 5 – Laboratory Policies and Procedures Part B: Test Methods Section, Method C-10 Determination of Leachable Lead and Cadmium from Glazed ceramics and Glassware (2014-01-06) |
| Food containers<br>(Glazed Ceramic and Glassware) | - Leachable lead and cadmium | ISO 6486-1:2019 |
| Food containers<br>(Glazed Ceramic and Glassware) | - Leachable lead and cadmium | ISO 6486-2:1999<br>*Test procedure for compliance testing:*<br>ISO 6486-1:1999 |
| Food containers<br>(Silicate surfaces – Other than ceramicware) | - Leachable lead and cadmium | EN 1388-2:1995<br>BS EN 1388-2:1996<br>DIN EN 1388-2: 1995 |
| Food containers<br>(Ceramic, glass, glass-ceramic, vitreous enamelware) | - Leachable lead and cadmium | BS 6748: 1986 + A1(2011) |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Food 食品** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Toxicology tests (cont'd) :- | |
| Food containers<br>(Glazed ceramicware) | - Leachable lead and cadmium | BS 4860: Parts 1 and 2: 1972 |
| Food containers<br>(Ceramic cookware) | - Leachable lead and cadmium | AOAC Official Methods 984.19 (2000)<br>ISO 8391/1 – 1986<br>ISO 8391/2 – 1986 |
| Food containers<br>(ceramic tableware and cookware) | - Leachable lead and cadmium | Australian Commonwealth Consolidated Regulations - Customs (Prohibited Imports) Regulations 1956, Reg. 4E<br>*Test procedures for compliance testing:-*<br>BS 4860: Parts 1 and 2: 1972 |
| Food containers<br>(lip & rim areas of glass tumblers) | - Leachable lead and cadmium | ASTM C927 - 80 (2019)e1 |
| Food containers<br>(lip & rim areas for silicate surfaces) | - Leachable lead and cadmium | EN 1388-2: 1995<br>BS EN 1388-2: 1996<br>DIN EN 1388-2: 1995 |
| Food containers<br>(glass, ceramic and enamel ware) | - Leachable Cadmium and Lead | The specification and standards for foods, food additives, etc., Ministerial Announcement No. 370 of 1959, Part III "Implements, Containers, and Packaging" by Ministry of Health, Labour and Welfare with update of "Outline of the 31st July 2008 revision of the specifications for glass, ceramic and enameled equipment and containers which come into contact with food, based on the Food Sanitation Law JAPAN"<br><br>*Test procedures for compliance testing:*<br>Foodstuffs, Implements, Containers and Packaging, Specifications, Standards and Testing Methods for Toys, Detergents, JETRO January 2009 (based on the tentative English translation published by JETRO, January 2009) PART II - Standards and Testing Methods for Implements, Containers and Packaging.<br>Section D-1 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Food 食品** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Toxicology tests (cont'd):- | |
| Food containers<br>(Plastic products intended to come into direct contact with food) | - Overall migration test: test media:-<br>Distilled water<br>3% acetic acid, simulant B<br>10% ethanol, simulant A<br>50% ethanol, simulant D1<br>95% ethanol or iso-octane: volatile test medium in substitute tests | Commission Regulation (EU) No. 10/2011, Article 12, paragraph 4 & 7 of Article 18 and Annex III, Chapter 3 of Annex V, as amended by Commission Regulation (EU) No. 2016/1416, Commission Regulation (EU) No. 2017/752, Commission Regulation (EU) No. 2019/37 and Commission Regulation (EU) No. 2020/1245<br>AS 2070: 1999, Cl. 4.1.1. (b)<br>*Test procedures for compliance testing:-*<br>EN 1186-1: 2002<br>EN 1186-3: 2022 (Method 1a: Total immersion in conventional oven)<br>EN 1186-3: 2022 (Method 2: Cell)<br>EN 1186-3: 2022 (Method 5: Filling a container)<br>German Official Compendium for Examination Methods, §35 LMBG B80.30-1 (EG), §64 LFGB B80.30-1 (EG)<br>***<Excluding "Pouch Method" & "Alternative tests">*** |
| | Rectified olive oil | EN 1186-2: 2022 (Method 1: Total immersion)<br>EN 1186-2: 2022 (Method 2: Cell)<br>EN 1186-2: 2022 (Method 5: Filling a container) |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Food 食品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Chemical composition:- | |
| General food | - Total dietary fibre | AOAC Official Methods 985.29 (2005) |
| Flour | - Ash | AOAC Official Methods 923.03 (2005) |
| Meat | - Ash | AOAC Official Methods 920.153 (2005) and AOAC Official Methods 923.03 (2005) |
| Sugars and syrups | - Ash | AOAC Official Methods 900.02A (2005) |
| Meat | - Crude protein<br>- Nitrogen | In-house method Food.011 (Block Digestion Method) |
| Cacao Products | - Fat | AOAC Official Methods 963.15 (2006) |
| Dried milk | - Fat | AOAC Official Methods 932.06 (2005) |
| Ice cream and frozen desserts | - Fat | AOAC Official Methods 952.06 (2005) |
| Milk | - Fat | AOAC Official Methods 989.05 (2005) |
| Flour | - Fat | AOAC Official Methods 922.06 (2005) |
| Meat and seafood | - Fat | AOAC Official Methods 948.15 (2005) |
| Animal feed | - Moisture | AOAC Official Methods 930.15 (2005) |
| Meat | - Moisture | AOAC Official Methods 950.46B (2008) |
| Flour | - Moisture | AOAC Official Methods 925.10 (2008) |
| Sugar | - Moisture | AOAC Official Methods 925.45B (2008) and AOAC Official Methods 920.175 (2006) |
| General foodstuff | - Sodium | In house method CTS-FD-102-2 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Food 食品** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Chemical composition (cont'd):- | |
| General foodstuff<br>(excluding honey) | - Sugars : -<br>glucose, galactose, fructose, sucrose, maltose, lactose | In house method CTS-FD-217-2 (By HPLC-RI) |
| General foodstuff | - Saturated fatty acids<br>($C_{4:0}$, $C_{6:0}$, $C_{8:0}$, $C_{10:0}$, $C_{12:0}$, $C_{14:0}$, $C_{15:0}$, $C_{16:0}$, $C_{17:0}$, $C_{18:0}$, $C_{20:0}$, $C_{22:0}$, $C_{24:0}$) | AOAC Official Method 996.06 (2008)<br>(Hydrolytic extraction gas chromatography) |
| | - Trans fatty acids<br>($C_{14:1T}$(9-*trans*), $C_{16:1T}$(9-*trans*), $C_{18:1T}$(total), $C_{18:2TT}$(9,12-*trans*), $C_{18:2T}$(9-*cis*,12-*trans*), $C_{18:2T}$(9-*trans*,12-*cis*), $C_{20:1T}$(11-*trans*), $C_{22:1T}$(13-*trans*)) | AOAC Official Method 996.06 (2008)<br>(Hydrolytic extraction gas chromatography) |
| | Organic contaminants:- | |
| General foodstuff | - Melamine | In house method CTS-FD-215-3<br>(by LC-MS/MS) |
| | Preservatives :- | |
| General foodstuff | - Benzoic acid, Sorbic acid, Salicylic acid, Methyl para-hydroxybenzoate, Ethyl para-hydroxybenzoate and Propyl para-hydroxybenzoate | In house methods CTS-FD-220-1<br>(by HPLC/DAD) |
| | - Propionic acid | In-house method CTS-FD-211-1<br>(By GC/FID) |
| | - Boric acid | In-house method Food.002<br>(Titrimetric method) |
| | - Sulphur dioxide | AOAC Official Method 975.32 (2005)<br>AOAC Official Method 990.28 (2005) |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Food 食品** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Metallic contaminants :- | |
| General foodstuff | Antimony, Arsenic, Cadmium, Chromium, Lead, Mercury and Tin | In house method CTS-FD-102-1 (By ICP/MS) |
| Drinking water | Antimony, Arsenic, Barium, Cadmium, Chromium, Copper, Lead, Mercury, Nickel and Selenium | In house method CTS-FD-102-3 (By ICP/MS) |
| | Veterinary drug residues :- | |
| Meat and Aquatic Products | - Malachite green and Leucomalachite green | In house methods CTS-FD-205-2 (by HPLC/MS/MS) |
| | - Sum of Malachite green and Leucomalachite green | In house methods CTS-FD-205-2 (by HPLC/MS/MS) |
| Honey, Meat and Aquatic Products | - Chloramphenicol | In house methods CTS-FD-223-1 (by HPLC/MS/MS) |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司

1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Food 食品** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Microbiological tests :- | |
| General foodstuff | - Aerobic Plate Count | US FDA Bacteriological Analytical Manual Online (BAM online), Ch. 3, Jan. 2001 (Conventional Plate Count Method)<br>AOAC Official Methods 990.12 (2005) (By 3M Petrifilm Method) |
| | - *Coliform* count | US FDA Bacteriological Analytical Manual Online (BAM Online) Ch 4, October 2020 (By MPN Method)<br><br>AOAC Official Methods 991.14 (2005) (By 3M Petrifilm Method) |
| | -*E. coli* count | AOAC Official Methods 991.14 (2005) (By 3M Petrifilm Method) |
| | -*Enterobacteriaceae* count | AOAC Official Methods 2003.01 (2005) (By 3M Petrifilm Method) |
| | - Detection of Detection of *Listeria Monocytogenes* | US FDA Bacteriological Analytical Manual Online (BAM Online), Chapter 10, April 2022. |
| | - Enumeration of *Listeria monocytogenes* | US FDA Bacteriological Analytical Manual Online (BAM Online), Chapter 10, April 2022. |
| 食品<br>Food | 菌落總數測定<br>Aerobic plate count | GB 4789.2-2010 |
| | 大腸菌群計數<br>Enumeration of *coliforms* | GB 4789.3-2010<br>第一法 大腸菌群 MPN 計數法 |
| | 沙門氏菌檢驗<br>*Salmonella* | GB 4789.4-2010 |
| | 金黃色葡萄球菌檢驗<br>*Staphylococcus aureus* | GB 4789.10-2010<br>第二法 金黃色葡萄球菌 Baird-Parker 平板計數法 |
| | 大腸埃希氏菌計數<br>*E. coli* | GB 4789.38-2012<br>第一法 大腸埃希氏菌 MPN 計數法 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Food 食品** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Microbiological tests :- (cont'd) | |
| Meat & Meals | - *Salmonella* | US FDA Bacteriological Analytical Manual Online BAM online), Ch. 5, September 2023 |
| | - *Staphylococcus aureus* count | US FDA Bacteriological Analytical Manual Online (BAM online, Ch. 12, March 2016 (Direct Plate Count Method) |
| Selected Meat, Seafood and Poultry | - *Staphylococcus aureus* count | AOAC Official Methods 2003.11 (2005) (By 3M Petrifilm Method) |
| Selected Dairy Foods | - *Staphylococcus aureus* count | AOAC Official Methods 2003.08 (2005) (By 3M Petrifilm Method) |
| Selected Types of Processed and Prepared Foods | - *Staphylococcus aureus* count | AOAC Official Methods 2003.07 (2005) (By 3M Petrifilm Method) |
| Dairy Products | - Aerobic Plate Count | AOAC Official Methods 986.33 (2005) (By 3M Petrifilm Method)<br>AOAC Official Methods 989.10 (2005) (By 3M Petrifilm Method) |
| | - *Coliform* count | US FDA Bacteriological Analytical Manual Online (BAM Online) Ch 4, October 2020 (By MPN Method)<br>AOAC Official Methods 986.33 (2005) (By 3M Petrifilm Method)<br>AOAC Official Methods 989.10 (2005) (By 3M Petrifilm Method) |
| Water | - Total *Coliform* counts | DoE/DH/PHLS The Microbiology of Water (1994) Part 1 Drinking Water Section 7.5 & 7.7 (Membrane Filtration Method) |
| | - *E. coli* count | DoE/DH/PHLS The Microbiology of Water (1994) Part 1 Drinking Water Section 7.7 (Membrane Filtration Method followed by full identification with biochemical tests) |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Miscellaneous 雜類** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Microbiological tests :- | |
| 一次性使用衛生用品<br>Disposable Sanitary Products | 微生物衛生 (Microbiological Hygiene)<br>細菌菌落總數 (Total Plate Count)<br>大腸菌群 (*Coliform*)<br>金黃色葡萄球菌 (*Staphylococcus aureus*)<br>綠膿桿菌 (*Pseudomonas aeruginosa*)<br>溶血性鏈球菌 (*Hemolytic streptococci*)<br>真菌菌落總數 (Fungal Count) | GB 15979: 2002<br>< ***Excluding the following***><br>App. C; testing of products with anti-bacterial properties and testing of "電話膜". |
| Cosmetics | Microbiological quality:- | Personal Care Products Council (PCPC) Technical Guidelines-Microbiology Guidelines (2022) Section 12, Establishing Microbial Quality of Personal Care Products<br><br>Guidelines on Microbiological Quality of the Finished Cosmetic Product, the SCCS notes of guidance for the testing of cosmetic ingredients evaluation, 9th Rev., 2015 |
| | - Test for specified microorganisms<br>- *Staphylococcus aureus*<br>- *Pseudomonas aeruginosa*<br>- *Escherichia coli*<br>- *Clostridia*<br>- *Candida albicans*<br>- *Salmonella*<br>- Bile-Tolerant Gram-Negative Bacteria | *Test procedures for compliance testing:-*<br>British Pharmacopoeia Volume V (2023) App. XVI B, B1<br>European Pharmacopoeia 11.0 edition (2023) Ch. 2.6.13<br>Japanese Pharmacopoeia Volume XVIII (2021), Ch. 4.05<br>United States Pharmacopeia – National Formulary (USP–NF) 2023 (20 Dec 2023), General Chapter <62> |
| | - Microbial enumeration test<br>- Total Aerobic Microbial Count<br>- Total Combined Yeasts and Molds Count | *Test procedures for compliance testing:-*<br>British Pharmacopoeia Volume V (2023) App. XVI B, B2<br>European Pharmacopoeia 11.0 edition (2023) Ch. 2.6.12<br>Japanese Pharmacopoeia Volume XVIII (2021), Ch. 4.05<br>United States Pharmacopeia – National Formulary (USP–NF) 2023 (20 Dec 2023), General Chapter <61> |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Miscellaneous 雜類** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Microbiological tests (cont'd) :- | |
| Cosmetics and Personal Care Products | Antimicrobial Effectiveness Testing: -<br>- Test for specified microorganisms<br>- *Escherichia coli*<br>- *Pseudomonas aeruginosa*<br>- *Staphylococcus aureus*<br>- *Candida albicans*<br>- *Aspergillus brasiliensis* | United States Pharmacopeia – National Formulary (USP–NF) 2023 (20 Dec 2023), General Chapter <51> |
| Cosmetics and Personal Care Products | Efficacy of Antimicrobial Preservation: -<br>- Test for specified microorganisms<br>- *Escherichia coli*<br>- *Pseudomonas aeruginosa*<br>- *Staphylococcus aureus*<br>- *Candida albicans*<br>- *Aspergillus brasiliensis* | British Pharmacopoeia Volume V (2023) App. XVI C<br>European Pharmacopoeia 11.0 edition (2023) Ch. 5.1.3 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Miscellaneous 雜類** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Petroleum products :- | |
| Liquefied Petroleum Gas (LPG) | - Copper strip corrosion | ASTM D1838-21 (excluding sampling) |
| | - Residues | ASTM D2158-21 |
| | - Determination of hydrocarbons in Liquefied Petroleum (LP) Gases and Propane/Propene mixtures by gas chromatography | ASTM D2163-23e1 (excluding sampling) |
| | - Hydrogen sulphide | ASTM D2420-23 (excluding sampling) |
| | - Sulfur by oxidative microcoulometry | ASTM D3246-15<br>(excluding sampling and with modification) |
| | - Physical properties<br>(S.G.@ 60/60F, vapour pressure @ 37.8°C, density @ 15°C, Motor Octane Number) | ASTM D2598-21<br>(S.G.@ 60/60F, vapour pressure @ 37.8°C and Motor Octane Number are by calculation) |
| | - Oily residues | IP 427/97 (2004) (excluding sampling) |
| | - Water | In-house method SOP-M-Free Water |
| Natural Gas (NG) | Analysis for Natural Gas and Similar Gaseous Mixtures by Gas Chromatography:<br>- nitrogen<br>- methane<br>- $CO_2$<br>- ethane<br>- propane<br>- iso-butane<br>- n-butane<br>- iso-pentane<br>- n-pentane<br>- hexanes plus | GPA Standard 2261-20 |
| Diesel fuel | Total sulphur | ASTM D2622-24 |
| | Total sulphur | ISO20884:2019/Amd.1:2021 |
| | FAME content | EN14078:2014 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Pharmaceutical Products 藥物** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Physical and Chemical tests :- | |
| - Acetaminophen tablets | a. Assay | United States Pharmacopoeia – National Formulary (USP-NF) 2023 (09-Jan-2024) |
| | b. Uniformity of dosage units (uncoated and film-coated tablets) | United States Pharmacopoeia – National Formulary (USP-NF) 2023 (09-Jan-2024) |
| | c. Identification (Method A) | United States Pharmacopoeia – National Formulary (USP-NF) 2023 (09-Jan-2024) |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Pharmaceutical Products 藥物** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Microbiological tests :- | |
| Non-sterile pharmaceutical preparations and substances for pharmaceutical use | Microbiological quality | United States Pharmacopeia – National Formulary (USP–NF) 2023 (20 Dec 2023), General Chapter <1111> |
| | - Microbial enumeration test<br>- Total Aerobic Microbial Count<br>- Total Combined Yeasts and Molds Count | *Test procedures for compliance testing:-*<br>United States Pharmacopeia – National Formulary (USP–NF) 2023 (20 Dec 2023), General Chapter <61> |
| | - Test for specified microorganisms<br>- *Staphylococcus aureus*<br>- *Pseudomonas aeruginosa*<br>- *Escherichia coli*<br>- *Salmonella*<br>- Bile-Tolerant Gram-Negative Bacteria<br>- *Clostridia*<br>- *Candida albicans* | *Test procedures for compliance testing:-*<br>United States Pharmacopeia – National Formulary (USP–NF) 2023 (20 Dec 2023), General Chapter <62> |
| Non-sterile pharmaceutical preparations and substances for pharmaceutical use<br>***<Excluding the following>***<br>orodispersible film products | Microbiological quality | European Pharmacopoeia 11.0 edition (2023) Ch. 5.1.4 (Microbiological Quality of Non-sterile Pharmaceutical Preparations and Substances for Pharmaceutical Use)<br>British Pharmacopeia (2023) App.XVI D (Microbiological Quality of Non-sterile Pharmaceutical Preparations and Substances for Pharmaceutical Use) |
| | - Test for specified microorganisms<br>- *Staphylococcus aureus*<br>- *Escherichia coli*<br>- *Pseudomonas aeruginosa*<br>- *Clostridia*<br>- *Candida albicans*<br>- Bile-Tolerant Gram-Negative Bacteria<br>- *Salmonella* | *Test procedures for compliance testing:-*<br>European Pharmacopoeia 11.0 edition (2023) Ch. 2.6.13<br>British Pharmacopoeia Volume V (2023) App. XVI B1 |
| | - Microbial enumeration test<br>- Total Aerobic Microbial Count<br>- Total Combined Yeasts and Molds Count | *Test procedures for compliance testing:-*<br>European Pharmacopoeia 11.0 edition (2023) Ch. 2.6.12<br>British Pharmacopoeia Volume V (2023) App. XVI B2 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Pharmaceutical Products 藥物** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Microbiological tests (cont'd) :- | |
| Non-sterile pharmaceutical preparations and substances for pharmaceutical use | Microbiological quality | The Japanese Pharmacopoeia, JP XVIII (2021) G4 Microorganisms, <G4-1-170> 'Microbial Attributes of Non-sterile Pharmaceutical Products' |
| | - Microbial enumeration tests<br>- Total Aerobic Microbial Count<br>- Total Combined Yeasts and Molds Count | *Test procedures for compliance testing:-*<br>Japanese Pharmacopeia Volume XVIII (2021), Ch. 4.05 |
| | - Test for specified microorganisms<br>- *Staphylococcus aureus*<br>- *Escherichia coli*<br>- *Pseudomonas aeruginosa*<br>- *Clostridia*<br>- *Candida albicans*<br>- Bile-Tolerant Gram-Negative Bacteria<br>- *Salmonella* | *Test procedures for compliance testing:-*<br>Japanese Pharmacopeia Volume XVIII (2021), Ch. 4.05 |
| Substances, preparations and articles which, according to pharmacopoeia, are required to be sterile | Sterility Tests | United States Pharmacopeia – National Formulary (USP–NF) 2023 (20 Dec 2023), General Chapter <71> |
| | Test for Sterility | European Pharmacopoeia 11.0 edition (2023), Method 2.6.1<br>British Pharmacopoeia Volume V (2023), App. XVI A |
| Liquid medicine, solid medicine, oils and oily solutions, and ointments and creams | Sterility Test | Japan Pharmacopoeia, Vol. XVIII (2021), Ch. 4.06 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Physical and Mechanical Testing 物理及機械測試** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Furniture | | |
| - Domestic seating | - Stability tests | BS EN 1022: 2005<br>***< Excluding the following >***<br>Cl. 8 |
| - Outdoor seating for domestic use | - Safety tests | BS EN 581-1: 2006<br>BS EN 581-2: 2015 + AC: 2016<br>***< Excluding the following >***<br>Cl. 6, 8.2 and Annex A<br><br>BS EN 581-1: 2017<br>BS EN 581-2: 2015 + AC: 2016<br>***< Excluding the following >***<br>Cl. 6, 8.2 and Annex A |
| - Outdoor tables for domestic use | - Safety tests | BS EN 581-1: 2006<br>BS EN 581-3: 2017<br><br>BS EN 581-1: 2017<br>BS EN 581-3: 2017 |
| Polymer and polymer products | | |
| - Hot water bottles manufactured from rubber and PVC | - Safety tests | BS 1970: 2012<br>Cl. 4, 5, 6, 7, 8 & 9 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Physical and Mechanical Testing 物理及機械測試** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Spectacles | | |
| - Lens in non-prescription sunglasses and fashion eyewear | - Impact-resistance test | ANSI Z80.3-2018, clause 4.2 |
| - Non-prescription sunglasses | - Optical requirements | BS EN ISO 12312-1: 2013 + A1: 2015<br>EN ISO 12312-1: 2013 + A1: 2015<br>ISO 12312-1: 2013 + A1: 2015<br>Cl. 5, 6, 8 and 13<br>***<Excluding the following>***<br>for the above three standards<br>Cl. 5.3.2.2 (test for photochromic filter), 5.3.4.1, 5.3.4.2, 5.3.5.3, 5.3.5.4, 6.2 and 8(b) |
| | - Optical test methods | BS EN ISO 12311: 2013<br>EN ISO 12311: 2013<br>ISO 12311: 2013<br>Cl. 7 and 8<br>***<Excluding the following>***<br>for the above three standards<br>Cl. 7.5, 7.6, 7.7, 7.10, 7.11 and 8.3 |
| | - Physical requirements | BS EN ISO 12312-1: 2013 + A1: 2015<br>EN ISO 12312-1: 2013 + A1: 2015<br>ISO 12312-1: 2013 + A1: 2015<br>Cl. 4, 7, 9, 11, 12, 13<br>***<Excluding the following>***<br>for the above three standards<br>Cl. 4.3, 7.3, 7.4, 7.5 and 7.6 |
| | - Physical test methods | BS EN ISO 12311: 2013<br>EN ISO 12311: 2013<br>ISO 12311: 2013<br>Cl. 6 and 9<br>***<Excluding the following>***<br>for the above three standards<br>Cl. 9.3, 9.4, 9.5, 9.7 and 9.10 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Physical and Mechanical Testing 物理及機械測試** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Spectacles | | |
| - Spectacle frame | - Physical requirements and test methods | BS EN ISO 12870: 2009<br>EN ISO 12870: 2009<br>ISO 12870: 2004<br>***<Excluding the following>***<br>for the above three standards<br>Cl. 4.2 and 4.10<br><br>BS EN ISO 12870: 2018<br>EN ISO 12870: 2018<br>ISO 12870: 2016<br>***<Excluding the following>***<br>for the above three standards<br>Cl. 4.2.2, 4.2.3, 4.2.4 and 4.10 |
| - Sunglasses & fashion spectacles | | Australia Consumer Goods (Sunglasses and Fashion Spectacles) Safety Standard 2017<br>***in conjunction with following two standards*** |
| | - Optical requirements | AS/ NZS 1067.1: 2016<br>Cl. 5, 6, 13 and 14<br>***<Excluding the following>***<br>Cl. 5.3.2.4 (test for photochromic filter), 5.3.4.1, 5.3.4.2, 5.3.5.2.8, 5.3.5.3, 5.3.5.4 and 6.2 |
| | - Optical test methods | AS/ NZS 1067.2: 2016<br>Cl. 7 and 8<br>***<Excluding the following>***<br>Cl. 7.5, 7.6, 7.7, 7.10, 7.11 and 8.3 |
| | - Physical requirements | AS/ NZS 1067.1: 2016<br>Cl. 4. 7, 9, 11, 12, 13 and 14 |
| | - Physical test methods | AS/ NZS 1067.2: 2016<br>Cl. 6 and 9 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Physical and Mechanical Testing 物理及機械測試 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Spectacles | | |
| - Sunglasses & fashion spectacles (cont'd) | - Optical requirements | AS/ NZS 1067.1: 2016<br>Cl. 5, 6, 8, 13 and 14<br>***<Excluding the following>***<br>Cl. 5.3.2.4 (test for photochromic filter), 5.3.4.1, 5.3.4.2, 5.3.5.2.8, 5.3.5.3, 5.3.5.4, 6.2 and 8(b) |
| | - Optical test methods | AS/ NZS 1067.2: 2016<br>Cl. 7 and 8<br>***<Excluding the following>***<br>Cl. 7.5, 7.6, 7.7, 7.10, 7.11 and 8.3 |
| | - Physical requirements | AS/ NZS 1067.1: 2016<br>Cl. 4, 7, 9, 11, 12, 13 and 14<br>***<Excluding the following>***<br>Cl. 4.3, 7.4, 7.5 and 7.6 |
| | - Physical test methods | AS/ NZS 1067.2: 2016<br>Cl. 6 and 9<br>***<Excluding the following>***<br>Cl. 9.4, 9.5, 9.7 and 9.10 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Physical and Mechanical Testing 物理及機械測試 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Spectacles | | |
| - Unmounted lens for non-prescription sunglasses | - Optical requirements | BS EN ISO 12312-1: 2013 + A1: 2015<br>EN ISO 12312-1: 2013 + A1: 2015<br>ISO 12312-1: 2013 + A1: 2015<br>Cl. 5, 8, 13 and Annex B<br>***<Excluding the following>***<br>for the above three standards<br>Cl. 5.3.2.2 (test for photochromic filter), 5.3.4.1, 5.3.4.2, 5.3.5.3, 5.3.5.4, 8(b) and B.5 |
| | - Optical test methods | BS EN ISO 12311: 2013<br>EN ISO 12311: 2013<br>ISO 12311: 2013<br>Cl. 7 and 8<br>***<Excluding the following>***<br>for the above three standards<br>Cl. 7.5, 7.6, 7.7, 7.10, 7.11 and 8.3 |
| | - Physical requirements | BS EN ISO 12312-1: 2013 + A1: 2015<br>EN ISO 12312-1: 2013 + A1: 2015<br>ISO 12312-1: 2013 + A1: 2015<br>Cl. 4, 9, 13 and Annex B |
| | - Physical test methods | BS EN ISO 12311: 2013<br>EN ISO 12311: 2013<br>ISO 12311: 2013<br>Cl. 6 and 9<br>***<Excluding the following>***<br>for the above three standards<br>Cl. 9.3, 9.4, 9.5, 9.7 and 9.10 |
| Other products | | |
| - Fluid and gas lighter | Safety and performance tests | BS EN ISO 9994: 2019<br>EN ISO 9994: 2019<br>ISO 9994: 2018<br>***<Excluding the following>***<br>for the above three standards<br>Cl. 6.7.4.10, 6.10.4.3 and 6.10.4.4 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Textiles and Garments 紡織品及成衣 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| General textiles and garments<br>一般紡織品及成衣 | Care performance tests :-<br>- Dimensional stability to relaxation and felting | Woolmark TWC-TM 31-2009 |
| | - Dimensional stability to steaming | BS 4323: 1995<br>ISO 3005: 1978 |
| | - Dimensional stability to washing | AATCC TM135-2018t<br>AATCC TM150-2018t<br>(for the above two standards including alternate laundering procedures and washing machine parameters as specifeied in the following standard.)<br>AATCC LP 1-2021<br>BS EN 25077: 1994<br>BS EN ISO 5077: 2008<br>EN ISO 5077: 2007<br>ISO 5077: 2007<br>BS EN ISO 3759: 2011<br>ISO 3759: 2011<br>(for the above two standards using the following standards for specimen treatment)<br>BS EN ISO 6330: 2021<br>ISO 6330: 2021<br>***<Excluding the following>***<br>for the above two standards<br>cl. 5.1.3<br>BS EN ISO 6330: 2012<br>ISO 6330: 2012<br>***<Excluding the following>***<br>for the above two standards<br>cl. 5.1.3<br>BS EN 26330: 1994<br>ISO 3175-2: 2017<br>***< Excluding the following>***<br>cl. 9.2.9 method C, D & E |
| | - Fiber fragment release during home laundering | AATCC TM212-2021 |
| | - Wash and wear performance | AATCC TM124-2018t |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Textiles and Garments 紡織品及成衣 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| General textiles and garments<br>一般紡織品及成衣 | Care performance tests :- (cont'd)<br>- Determination of spirality after laundering (woven and knitted fabrics / garments) | BS ISO 16322-2: 2021<br>ISO 16322-2: 2021<br>BS ISO 16322-3: 2021<br>ISO 16322-3: 2021<br>AATCC TM179-2019 |
| | - Appearance of durable press fabrics fabrics after domestic washing and drying<br>評定耐久壓熨織物經家庭洗滌和乾燥後外觀平整度 | BS ISO 7768: 2009<br>ISO 7768: 2009<br>***<Excluding the following>***<br>for the above two standards<br>Annex B<br>GB/T 13769-2009 |
| | - Appearance of crease in durable press fabrics fabrics after domestic washing and drying<br>評定耐久壓熨織物經家庭洗滌和乾燥後褶襉外觀 | BS ISO 7769: 2009<br>ISO 7769: 2009<br>***<Excluding the following>***<br>for the above two standards<br>Annex B<br>AATCC TM88C-2018t<br>GB/T 13770-2009 |
| | - Appearance of seams in durable press fabrics fabrics after domestic washing and drying<br>洗滌後接縫外觀平整度 | BS ISO 7770: 2009<br>ISO 7770: 2009<br>***<Excluding the following>***<br>for the above two standards<br>Annex A<br>AATCC TM88B-2018t<br>GB/T 13771-2009 |
| | - Wrinkle recovery of fabrics(appearance method) | BS ISO 9867: 2022<br>ISO 9867: 2022<br>***<Excluding the following>***<br>for above two standards<br>Annex A<br>AATCC TM128-2017e2 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

## Textiles and Garments 紡織品及成衣

| ITEM TESTED OR MEASURED<br>測試或量度項目 | SPECIFIC TEST OR PROPERTY MEASURED<br>特定測試或量度的特性 | SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED<br>規範、標準方法或應用技術 |
|---|---|---|
| | Care performance tests :- (cont'd) | |
| General textiles and garments<br>一般紡織品及成衣 | - Assessing the appearance of apparel and other textile end products after domestic washing and drying<br>服裝及其他紡織最終產品經家庭洗滌和乾燥後外觀評估 | ISO 15487: 2018<br>GB/T 19980-2005 |
| | - Dimensional stability to washing and drying<br>洗滌和乾燥後尺寸變化測定 | GB/T 8630-2013 |
| | - Domestic washing and drying procedures for textile testing<br>紡織品家庭洗滌和乾燥程式 | GB/T 8629-2017 |
| | - Preparation, marking and measuring of fabric specimens and garments in tests for determination of dimensional change<br>測定尺寸變化的織物試樣和服裝的準備、標記及測量 | GB/T 8628-2013 |
| Garments used adhesive interling<br>使用粘合襯服裝 | - Assessment of performance after dry cleaning<br>耐乾洗測試方法 | FZ/T 80007.3-2006 |
| Wool textiles<br>毛紡織品 | - Relaxation and felting shrinkage<br>鬆弛及氈化收縮 | FZ/T 70009-2021 |
| Wool garments (knitted)<br>毛針織成衣 | - Angle of spirality<br>扭斜角 | FZ/T 20011-2006 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

## Textiles and Garments 紡織品及成衣

| ITEM TESTED OR MEASURED<br>測試或量度項目 | SPECIFIC TEST OR PROPERTY MEASURED<br>特定測試或量度的特性 | SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED<br>規範、標準方法或應用技術 |
|---|---|---|
| | Chemical analysis :- | |
| General textiles and garments<br>一般紡織品及成衣 | - Free formaldehyde content<br>遊離甲醛含量 | BS EN ISO 14184-1: 2011<br>ISO 14184-1: 2011<br>GB/T 2912-1-2009<br>GB/T 2912-1-1998<br>JIS L1041-2011 (based on English version published in 2013-12) section 8.1 |
| | - Release formaldehyde content<br>釋放甲醛含量 | AATCC TM112-2020<br>BS EN ISO 14184-2: 2011<br>ISO 14184-2: 2011<br>GB/T 2912-2: 2009 |
| Other Materials :-<br>- Leather | - Formaldehyde content | ISO 17226-1: 2021<br>BS EN ISO 17226-1: 2021<br>ISO 17226-2: 2018<br>BS EN ISO 17226-2: 2019 |
| - Leather and fur<br>皮革和毛皮 | - Formaldehyde content<br>甲醛含量 | GB 20400-2006<br>GB/T 19941.1-2019<br>GB/T 19941.2-2019 |
| General textiles and garments<br>一般紡織品及成衣 | - pH value<br>pH 值 | AATCC TM81-2022<br>BS EN ISO 3071: 2020<br>EN ISO 3071: 2020<br>ISO 3071: 2020<br>GB/T 7573-2009<br>GB/T 7573-2002 |
| Other Materials :-<br>- Leather | - pH value | ISO 4045: 2018 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Textiles and Garments 紡織品及成衣** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Chemical analysis :- (cont'd) | |
| Other Materials :-<br>- PVC artificial leather<br>聚氯乙烯人造革 | - Residual vinyl chloride monomer<br>氯乙烯單體 | GB 21550-2008(modified)<br>*Test procedure for compliance testing:*<br>GB/T 4615-2008 (modified method A using GCMS) |
| | - Extractable heavy metals and<br>可溶性重金屬 | GB 21550-2008 |
| | - Other volatile substances<br>其他揮發物 | GB 21550-2008 |
| Wool<br>毛紡織 | - Dichloromethane (DCM) soluble matter<br>二氯甲烷可溶性物質 | FZ/T 20018-2010 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Textiles and Garments 紡織品及成衣** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| General textiles and garments<br>一般紡織品及成衣 | Colour fastness tests :-<br>- Acid spot<br>耐酸斑色牢度 | BS EN ISO 105-E05: 2010<br>EN ISO 105-E05: 2010<br>ISO 105-E05: 2010<br>GB/T 5715-2013 |
| | - Alkali spot<br>耐鹼斑色牢度 | BS EN ISO 105-E06: 2006<br>EN ISO 105-E06: 2006<br>ISO 105-E06: 2006<br>GB/T 5716-2013 |
| | - Bleaching<br>耐漂白色牢度 | BS EN 20105-N01: 1995<br>ISO 105-N01: 1993<br>GB/T 7069-1997 |
| | - Burnt gas fumes | AATCC TM23-2015e (2020)<br>ISO 105-G02: 1993 + Corr. 2 2009 |
| | - Chlorinated Water<br>耐氯化水色牢度 | AS/NZS 2001.4.5-1998<br>BS EN ISO 105-E03: 2010<br>DIN EN ISO 105-E03: 2010<br>ISO 105-E03: 2010<br>GB/T 8433-2013 |
| | - Dry cleaning<br>耐乾洗色牢度 | AATCC TM132-2004e3(2013)e3<br>BS EN ISO 105-D01: 2010<br>DIN EN ISO 105-D01: 2010<br>ISO 105-D0l: 2010<br>GB/T 5711-2015<br>CAN/CGSB 4.2 No. 29.1-M89 (R1997)<br>JIS L0860-2008 (based on English version published in 2009-06)<br>GB/T 5711-1997 |
| | - Dye transfer in storge | AATCC TM163-2013 (2020)e |
| | - Hot pressing<br>耐熱壓色牢度 | AATCC TM133-2020<br>BS EN ISO 105-X11: 1996<br>DIN EN ISO 105-X11: 1996<br>ISO 105-X11-1994<br>GB/T 6152-1997 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Textiles and Garments 紡織品及成衣 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Colour fastness tests :- (cont'd) | |
| General textiles and garments<br>一般紡織品及成衣 | - Light<br>耐人造光色牢度 | AATCC TM16.3-2020 option 3<br>BS EN ISO 105-B02: 2014 method 2<br>ISO 105 B02-2014 method 2<br>GB/T 8427-2019 Method 3<br>Woolmark TWC-TM 5-2008 |
| | - Light and perspiration<br>耐人造光、汗復合色牢度 | GB/T 14576-2009 |
| | - Perspiration<br>耐汗漬色牢度 | AATCC TM15-2021e<br>BS EN ISO 105-E04: 2013<br>DIN EN ISO 105-E04: 2013<br>ISO 105-E04: 2013<br>GB/T 3922-2013<br>JIS L0848-2004 (based on English version published in 2004-10)<br>Woolmark TWC-TM 174-2009 |
| | - Phenolic yellowing | BS EN ISO 105-X18: 2007<br>ISO 105-X18: 2007 |
| | - Rubbing/crocking<br>耐摩擦色牢度 | AATCC TM8-2016e(2022)e<br>AS 2001.4.3-1995<br>DIN EN ISO 105-X12: 2016-02<br>BS EN ISO 105-X12: 2016<br>ISO 105-X12: 2016<br>GB/T 3920-2008<br>DIN 54021: 1984<br>CAN/CGSB 4.2 No. 22-2004 (R2013)<br>JIS L0849-2013 (based on English version published in 2013-08) |
| Specific Products :-<br>- Footwear 鞋類<br>- uppers, linings and insocks<br>幫面、襯裡和內墊 | - Rubbing<br>摩擦色牢度 | QB/T 2882-2007 |
| General textiles and garments<br>一般紡織品及成衣 | - Saliva<br>耐唾液色牢度 | GB/T 18886-2019 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Textiles and Garments 紡織品及成衣** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Colour fastness tests :- (cont'd) | |
| General textiles and garments<br>一般紡織品及成衣 | - Sea water<br>耐海水色牢度 | AATCC TM106-2009e(2013)e3<br>BS EN ISO 105-E02: 2013<br>DIN EN ISO 105-E02: 2013<br>ISO 105-E02: 2013<br>GB/T 5714-2019<br>CAN/CGSB 4.2 No. 21-M90 (R2013) |
| | - Washing<br>耐洗色牢度 | AATCC TM61-2013e (2020)<br>AS 2001.4.15-2006<br>***< Excluding the following >***<br>Tests H, P, Q<br>BS EN ISO 105-C06: 2010 test A, B, C, D, E<br>ISO 105-C06: 2010 test A, B, C, D, E<br>GB/T 12490-2014<br>BS EN ISO 105-C08: 2010<br>ISO 105-C08: 2010<br>BS EN ISO 105-C09: 2003<br>ISO 105-C09: 2001 + Amd. 1 2003<br>ISO 105-C10: 2006<br>GB/T 3921-2008<br>JIS L0844-2011 (based on English version published in 2013-01) method A1, A2, A3<br>Woolmark TWC-TM 193-2009 |
| | - Water<br>耐水色牢度 | AATCC TM107-2022<br>BS EN ISO 105-E01: 2013<br>DIN EN ISO 105-E01: 2013<br>ISO 105-E01: 2013<br>GB/T 5713-2013<br>CAN/CGSB 4.2 No. 20-M89 (R2013)<br>JIS L0846-2004 (based on English version published in 2004-10)<br>Woolmark TWC-TM 6-2009 |
| | - Water spot<br>耐水斑色牢度 | EN ISO 105-E07: 2010<br>ISO 105-E07: 2010<br>GB/T 5717-2013 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

## Textiles and Garments 紡織品及成衣

| ITEM TESTED OR MEASURED<br>測試或量度項目 | SPECIFIC TEST OR PROPERTY MEASURED<br>特定測試或量度的特性 | SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED<br>規範、標準方法或應用技術 |
|---|---|---|
| General textiles and garments | Colour measurement tests :-<br>- Colour Difference | AATCC TM173-2009(2015)e2<br>ISO 105-J03: 2009 |
| | - Instrumental assessment of the degree of staining of adjacent fabric | BS EN ISO 105-A04: 1999<br>EN ISO 105-A04: 1999<br>ISO 105-A04: 1989 |
| | - Instrumental assessment of change of colour for determination of grey scale rating | BS EN ISO 105-A05: 1997<br>ISO 105-A05: 1996 / Cor 2: 2005 |
| | - Instrumental determination of 1/1 standard depth of colour | BS EN ISO 105-A06: 1997<br>ISO 105-A06: 1995 |
| | - Whiteness of textile | AATCC TM110-2015e2<br>BS EN ISO 105-J02: 2000 |
| General textiles and garments<br>一般紡織品及成衣 | Construction tests :-<br>- Fabric weight<br>布重 | ASTM D3776 - 20 option C<br>BS EN 12127: 1998<br>ISO 3801: 1977 method 5<br>GB/T 4669-2008 method 5<br>JIS L1096-2010 (based on English version published in 2012-10) section 8.3<br>Woolmark TWC-TM13-2009 |
| | - Fabric width | ASTM D3774 - 18 option B |
| | - Threads per unit length<br>織物密度 | ASTM D3775 - 17(2023)<br>BS EN 1049-2: 1994<br>ISO 7211/2: 1984 method A, B<br>AS 2001.2.5-1991 test C<br>CAN/CGSB 4.2 No. 6-M89<br>GB/T 4668-1995 method A |
| | - Weft knit, stitch density | AS 2001.2.6-2001 test C<br>ASTM D3887 - 96(2008) section 12<br>BS 5441: 1988 +A1: 2019 section 2, Cl. 9<br>CAN/CGSB 4.2 No. 7-M88 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

## Textiles and Garments 紡織品及成衣

| ITEM TESTED OR MEASURED<br>測試或量度項目 | SPECIFIC TEST OR PROPERTY MEASURED<br>特定測試或量度的特性 | SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED<br>規範、標準方法或應用技術 |
|---|---|---|
| | Construction tests :- (cont'd) | |
| General textiles and garments<br>一般紡織品及成衣 | - Yarn linear density | |
| | a) woven and knit fabrics | ASTM D1059 - 17(2022)<br>ISO 7211/5: 2020 Cl. 8.2 |
| | b) yarn in skein form | ASTM D1907 / D1907M - 12(2018) option 1<br>BS EN ISO 2060: 1995 ptioon 1<br>ISO 2060: 1994 option 1 |
| | - Skewness and bow<br>緯斜和弓緯 | GB/T 14801-2009 |
| Knitted fabrics<br>針織物 | - Stretch and recovery<br>拉伸彈性回覆率 | FZ/T 70006-2004 |
| Wool fabrics (knitted)<br>毛針織物 | - Cover factor<br>編織密度系數 | FZ/T 70008-2012 |
| Specific products:- | | |
| - Children's upper outwear | - Measurement of drawstrings | ASTM F1816 - 18 |
| - Children's clothing | - Measurement of cords and drawstrings | BS EN 14682: 2014<br>JIS L4129-2015 (based on English verion published in 2016-05) |
| - Children's upper outwear | - Standard safety size for drawstrings on children's upper wear<br>兒童上衣拉帶安全規格 | GB/T 22702-2019 |
| - Children's clothing | - Safety specifications for cords and drawstrings on children's clothing<br>童裝繩索和拉帶安全要求 | GB/T 22705-2019 |
| - Attached components on textile products<br>紡織製品附件 | - Test method for sharpness<br>銳利性試驗方法 | GB/T 31702-2015 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Textiles and Garments 紡織品及成衣** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Fabric performance tests :- | |
| General textiles and garments<br>一般紡織品及成衣 | - Abrasion resistance 耐磨試驗<br>a) Accelerator tester | AATCC TM93-2019 method A |
| | b) Flex abrasion tester | ASTM D3885 - 07a(2019) |
| | c) Martindale tester<br>馬丁代爾法 | ASTM D4966 - 22<br>BS 5690: 1991<br>BS EN 530: 2010<br>BS EN ISO 12947-2: 2016<br>ISO 12947-2: 2016<br>BS EN ISO 12947-3: 1998<br>ISO 12947-3: 1998<br>BS EN ISO 12947-4: 1998 + Cor.1: 2002<br>ISO 12947-4: 1998 + Cor.1: 2002<br>Woolmark TM TWC-112-2009<br>JIS L1096-2010 (based on English version published in 2012-10) section 8.19.5 method E<br>GB/T 21196.2-2007<br>***< Excluding the following 不包括 >***<br>Cl. 7.5.1 and App. A.1<br>第 7.5.1 節及附錄 A.1 |
| | d) Stoll flat abrasion tester | ASTM D3886 - 22 |
| | - Absorbency of textile | AATCC TM79-2010e2(2018)e3 |
| | - Air permeability<br>透氣性 | BS EN ISO 9237: 1995<br>EN ISO 9237: 1995<br>ISO 9237: 1995<br>ASTM D737 - 18<br>DIN 53887: 1986<br>BS 3424: Part 16: 1995<br>JIS L1096-2010 (based on Engloish version published in 2012-10) section 8.26 method A<br>GB/T 5453-1997 |
| Knitted footwear garments | - Abrasion resistance (martindale abrasion machine method) | BS EN 13770: 2002 Method 1<br>EN 13770: 2002 Method 1 |
| General textiles and garments<br>一般紡織品及成衣 | - Bursting strength (ball burst test) | ASTM D6797 - 15<br>***< Excluding the following >***<br>section 7.1 and 7.2 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Textiles and Garments 紡織品及成衣** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| General textiles and garments<br>一般紡織品及成衣 | Fabric performance tests :- (cont'd)<br>- Moisture regain<br>回潮率 | GB/T 9995-1997<br>< ***Excluding the following 不包括*** ><br>Cl. 8.4.1 第 8.4.1 節 |
| | - Odour 異味 | GB 18401-2010 cl. 6.7 |
| | - Oil repellency | AATCC TM118-2020e<br>ISO 14419: 2010<br>GB/T 19977-2014 |
| | - Pilling resistance 起球試驗<br>a) Assessment of pilling by visual analysys | BS EN ISO 12945-4: 2020<br>EN ISO 12945-4: 2020<br>ISO 12945-4: 2020<br>(Note: The above Part 4 standards should be used in conjunction with other parts of ISO 12945 covered in the scope of accreditation) |
| | b) Circular locus method 圓軌跡法 | GB/T 4802.1-2008 |
| | c) ICI Pilling Box<br>起球箱法 | BS EN ISO 12945-1: 2020<br>ISO 12945-1: 2020<br>GB/T 4802.3-2008<br>JIS L1076-2012 (based on Englsih verion published in 2014-11) section 6 method A<br>Woolmark TWC-TM 152-2009 |
| | d) Martindale | ASTM D4970 / D4970M - 22<br>BS EN ISO 12945-2: 2020<br>ISO 12945-2: 2020<br>Woolmark TWC-TM 196-2009 |
| | e) Modified Martindale method 馬丁代爾法 | GB/T 4802.2-2008 |
| | f) Random Tumbling | ASTM D3512 / D3512M - 22<br>JIS L1076-2012 (based on English version published in 2014-11) method D-3<br>CAN/CGSB 4.2 No. 51.2-M87 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Textiles and Garments 紡織品及成衣** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Fabric performance tests :- (cont'd) | |
| General textiles and garments<br>一般紡織品及成衣 | - Snagging Resistance<br>(Mace Test Method) | ASTM D3939 / D3939M - 13(2017)<br>JIS L1058: 2011 (based on English version published in 2012-06) method A<br>PD 6527: 1990 section 19 |
| | - Soil release | AATCC TM130-2018t |
| | - Wicking (horizontal) | AATCC TM198-2011e3(2020)e |
| | - Wicking (vertical) | AATCC TM197-2022<br>AATCC TM213-2022<br>JIS L1907: 2010 (based on English version published in 2011-10) section 7.1.2 |
| | - Solar UV Protective Properties | AATCC TM183-2020e<br>AS/NZS 4399: 2017<br>AS 4399: 2020<br>BS EN 13758-1: 2002 + A1: 2006<br>BS EN 13758-2: 2003 + A1: 2006 |
| | - Weathering resistance to UV and moisture | AATCC TM186-2022 |
| | - Evaluation of absorption and quick-drying (combination tests)<br>吸濕速干性 (單項組合試驗法) | GB/T 21655.1-2023<br>< ***Excluding the following 不包括*** ><br>Cl. 7.1 第 7.1 節 |
| | - Evaluation of absorption and quick-drying (moisture management test)<br>吸濕速干性 (動態水份傳遞試驗) | GB/T 21655.2-2019 |
| | - Liquid moisture management | AATCC TM195-2011e2(2017)e4 |
| | - Drying time<br>(moisture analyser method) | AATCC TM199-2013e(2018)e2 |
| | - Drying rate at absorbent capacity<br>(air flow method) | AATCC TM200-2017e2 |
| | -Drying rate<br>(Heated plate method) | AATCC TM201-2012(2014)e3 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司

1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Textiles and Garments 紡織品及成衣** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Fabric performance tests :- (cont'd) | |
| General textiles and garments<br>一般紡織品及成衣 | - Thermal resistance | ASTM D1518 - 14 option 1 |
| | - Contact cool feeling coefficient | GB/T 35263-2017 |
| | - Thermal and evaporative resistance | ASTM F1868 - 23 |
| | - Thermal and water vapour resistance<br>熱阻和濕阻的測定 | BS EN ISO 11092: 2014<br>ISO 11092: 2014<br>GB/T 11048-2018 |
| | - Water absorption time and capacity | ISO 20158: 2018 |
| | - Water vapour transmission | AATCC TM204-2019e |
| | - Aqueous Liquid Repellency | AATCC TM193-2007e4(2017)e2<br>ISO 23232: 2009 |
| | - Water repellency (artificial shower) | BS 5066: 1974 (1993) |
| | - Water repellency (spray rating)<br>表面抗濕性測定《沾水試驗》 | AATCC TM22-2017e option 2<br>BS EN 4920: 2012<br>ISO 4920: 2012<br>JIS L1092-2009 (based on English verion published in 2009-08) section 7.2<br>CAN/CGSB 4.2 No. 26.2-M94<br>GB/T 4745-2012 |
| | - Water resistance (hydrostatic pressure)<br>抗滲水性《靜水壓法》 | AATCC TM127-2017(2018)e option 2<br>ISO 811: 2018<br>GB/T 4744-2013<br>ASTM D751 - 19 section 41, 42, 43, 44 and 45 (Procedure A) |
| | - Water resistance (impact penetration test) | AATCC TM42-2017e |
| | - Water resistance (rain test) | AATCC TM35-2018e<br>ISO 22958: 2021 |
| | - Water Vapour Permeability | BS 7209: 1990 App. B<br>ISO 15496: 2018<br>JIS L1099: 2012 (based on English version published in 2013-04) |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

## Textiles and Garments 紡織品及成衣

| ITEM TESTED OR MEASURED<br>測試或量度項目 | SPECIFIC TEST OR PROPERTY MEASURED<br>特定測試或量度的特性 | SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED<br>規範、標準方法或應用技術 |
|---|---|---|
| Feather and down<br>羽毛和羽絨 | Feather and down analysis :-<br>- Composition analysis | ASTM D4524 - 20<br>BS EN 12131: 2018<br>EN 12131: 2018 |
| | - Composition labeling | BS EN 12934: 2000 + Corr No. 1<br>EN 12934: 1999 |
| | - Filling power | BS EN 12130: 2018<br>EN 12130: 2018 |
| | - Net weight of filling | BS EN 13088: 2018<br>EN 13088: 2018 |
| | - Oil content | BS EN 1163: 1997<br>EN 1163: 1996 |
| | - Oxygen number | BS EN 1162: 1997<br>EN 1162: 1996 |
| | - Turbidity | BS EN 1164: 1999<br>EN 1164: 1998 |
| | - Testing methods for feather and down<br>羽絨羽毛檢驗方法 | GB/T 10288-2016<br>< ***Excluding the following 不包括*** ><br>Cl. 5.9 第 5.9<br><br>GB/T 17685-2016<br>< ***Excluding the following 不包括*** ><br>Cl. 7 第 7 章 |
| | - Testing methods for washed feather and down<br>水洗羽絨羽毛檢驗方法 | FZ/T 80001-2002<br>< ***Excluding the following 不包括*** ><br>Cl. 6, 7 and 11 第 6, 7 及 11 章 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

## Textiles and Garments 紡織品及成衣

| ITEM TESTED OR MEASURED<br>測試或量度項目 | SPECIFIC TEST OR PROPERTY MEASURED<br>特定測試或量度的特性 | SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED<br>規範、標準方法或應用技術 |
|---|---|---|
| General textiles and garments<br>一般紡織品及成衣 | Fibre analysis :-<br>- Fibre content<br>(qualitative method)<br>纖維含量《定性方法》 | AATCC TM20-2021<br>***<Excluding the following>***<br>R.I, density, drying twist test, stain test<br>FZ/T 01057.1-2007<br>FZ/T 01057.2-2007<br>FZ/T 01057.3-2007<br>FZ/T 01057.4-2007<br>FZ/T 01057.5-2007<br>FZ/T 01057.6-2007<br>FZ/T 01057.8-1999<br>ASTM D276 - 12<br>***<Excluding the following>***<br>section 24, 25, 26, 27, 34 and 35<br>ISO/TR 11827: 2012<br>***<Excluding the following>***<br>Cl. 7.1.3, 7.2.3, 7.5, 7.6.3, 7.7 and 7.8 |
| | - Fibre content<br>(quantitative method - mechanical separation and chemical analysis)<br>纖維含量《機械分離及化學分析》 | AATCC TM20A-2021<br>ASTM D629 - 15<br>***<Excluding the following>***<br>method No. 7, annex A1<br>BS 4407: 1988<br>***<Excluding the following>***<br>methods 13, 17 and 18 in Cl. 4<br>CAN/CGSB 4.2 No. 14-2005<br>***< Excluding the following >***<br>Cl. 9 and 15<br>WOOLMARK TWC-TM 155-2009<br><br>European Council Directive 73/44/EEC<br>European Council Directive 96/73/EC as amended by<br>European Council Directive 2006/2/EC and<br>European Council Directive 2007/4/EC<br>***<Excluding the following>***<br>method 12 and 15<br>Regulation (EU) No 1007/2011 of European Parliament and of the council of 27 September 2011 Annex VIII<br><***Excluding the following***><br>method 12 and 15, annex IX and X |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Textiles and Garments 紡織品及成衣 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Fibre analysis :- (cont'd) | |
| General textiles and garments<br>一般紡織品及成衣 | - Fibre content<br>(quantitative method - mechanical separation and chemical analysis) | BS EN ISO 1833-1: 2020<br>EN ISO 1833-1: 2020<br>ISO 1833-1: 2020<br>(Note: The above Part 1 standard should be used in conjunction with other parts of ISO 1833 for particular fibre mixtures)<br>BS EN ISO 1833-2: 2020<br>EN ISO 1833-2: 2020<br>ISO 1833-2: 2020<br>BS EN ISO 1833-3: 2019<br>EN ISO 1833-3: 2019<br>ISO 1833-3: 2019<br>BS EN ISO 1833-4: 2023<br>EN ISO 1833-4: 2023<br>ISO 1833-4: 2023<br>BS EN ISO 1833-5: 2010<br>EN ISO 1833-5: 2010<br>ISO 1833-5: 2006<br>BS EN ISO 1833-6: 2019<br>EN 1833-6: 2019<br>ISO 1833-6: 2018<br>BS EN ISO 1833-7: 2017<br>EN ISO 1833-7: 2017<br>ISO 1833-7: 2017<br>BS EN ISO 1833-8: 2010<br>EN ISO 1833-8: 2010<br>ISO 1833-8: 2006<br>BS EN ISO 1833-9: 2019<br>EN ISO 1833-9: 2019<br>ISO 1833-9: 2019<br>BS EN ISO 1833-10: 2010<br>EN ISO 1833-10: 2010<br>ISO 1833-10: 2019<br>BS EN ISO 1833-11: 2017<br>EN ISO 1833-11: 2017<br>ISO 1833-11: 2017<br>BS EN ISO 1833-12: 2020<br>EN ISO 1833-12: 2020<br>ISO 1833-12: 2020 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Textiles and Garments 紡織品及成衣** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Fibre analysis :- (cont'd) | |
| General textiles and garments<br>一般紡織品及成衣 | - Fibre content<br>(quantitative method - mechanical separation and chemical analysis) (cont'd) | BS EN ISO 1833-13: 2019<br>EN ISO 1833-13: 2019<br>ISO 1833-13: 2019<br>BS EN ISO 1833-14: 2019<br>EN ISO 1833-14: 2019<br>ISO 1833-14: 2019<br>BS EN ISO 1833-16: 2019<br>EN ISO 1833-16: 2019<br>ISO 1833-16: 2019<br>BS EN ISO 1833-17: 2020<br>EN ISO 1833-17: 2020<br>ISO 1833-17: 2019<br>BS EN ISO 1833-18: 2020<br>EN ISO 1833-18: 2020<br>ISO 1833-18: 2020<br>BS EN ISO 1833-19: 2010<br>ISO 1833-19: 2006<br>BS EN ISO 1833-20: 2019<br>ISO 1833-20: 2018<br>BS EN ISO 1833-22: 2021<br>EN ISO 1833-22: 2021<br>ISO 1833-22: 2020 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Textiles and Garments 紡織品及成衣 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Fibre analysis :- (cont'd) | |
| General textiles and garments<br>一般紡織品及成衣 | - Fibre content<br>(quantitative method - mechanical separation and chemical analysis)<br>纖維含量《機械分離及化學分析》 | GB/T 2910.1-2009<br>(Note: The above Part 1 standard should be used in conjunction with other parts of GB/T 2910 for particular fibre mixtures)<br>GB/T 2910.2-2009<br>GB/T 2910.3-2009<br>GB/T 2910.4-2009<br>GB/T 2910.5-2009<br>GB/T 2910.6-2009<br>GB/T 2910.7-2009<br>GB/T 2910.8-2009<br>GB/T 2910.9-2009<br>GB/T 2910.10-2009<br>GB/T 2910.11-2009<br>GB/T 2910.12-2009<br>GB/T 2910.13-2009<br>GB/T 2910.14-2009<br>GB/T 2910.16-2009<br>GB/T 2910.17-2009<br>GB/T 2910.18-2009<br>GB/T 2910.20-2009<br>GB/T 2910.21-2009<br>GB/T 2910.22-2009<br>GB/T 2910.23-2009<br>GB/T 2910.24-2009<br>GB/T 2910.101-2009 |
| | - Fibre content<br>(quantitative method – physical analysis)<br>纖維含量《物理法》 | FZ/T 01101-2008 |
| | - Identification of fibre content<br>纖維含量標識 | FZ/T 01053-2007<br>GB/T 29862-2013 |
| Animal fibres, yarn and fabric<br>動物纖維與羊毛 | - Fibre diameter<br>纖維直徑 | ASTM D2130 - 22a<br>WOOLMARK TWC-TM24-2009<br>GB/T 10685-2007 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

## Textiles and Garments 紡織品及成衣

| ITEM TESTED OR MEASURED<br>測試或量度項目 | SPECIFIC TEST OR PROPERTY MEASURED<br>特定測試或量度的特性 | SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED<br>規範、標準方法或應用技術 |
|---|---|---|
| | Fibre analysis :- (cont'd) | |
| Cashmere, wool, specialty fibres and their blends<br>特種動物纖維與綿羊毛混合物 | - Fibre content<br>(quantitative method - microscopic analysis)<br><br>纖維含量《定量分析- 顯微投影法》 | AATCCTM20A-2021 Cl. 14<br>ISO 17751-1: 2023<br>(Light microscopy method)<br><br>GB/T 16988-2013 |
| Elastane fiber<br>氨綸纖維 | - Fibre content<br>(quantitative method -<br>manual separation and chemical analysis)<br>纖維含量《定量分析-人工分離及化學分析》 | FZ/T 01095-2002 |
| Flax / cotton blended grey yarn<br>亞麻棉混紡本色紗綫 | - Fibre content<br>(quantitative method - microscopic analysis)<br>纖維含量《定量分析- 顯微投影法》 | FZ/T 30004-1996 appendix B<br>FZ/T 30004-2009<br>SN/T 0759-1999 |
| Quaternary fibre<br>四組分纖維混合物 | - Fibre content<br>(quantitative method - chemical analysis)<br>纖維含量《化學分析》 | FZ/T 01026-2017 |
| Ramie(flax hemp)cotton blended textile<br>麻棉混紡產品 | - Fibre content<br>(quantitative method - microscopic analysis)<br>纖維含量《定量分析- 顯微投影法》 | FZ/T 30003-2009<br>< ***Excluding the following 不包括*** ><br>Cl. 6.2 第 6.2 節 |
| Silk and cashmere blend textile<br>蠶絲/羊絨混紡產品 | - Fibre content<br>(quantitative method - silk and cashmere blend textile)<br>纖維含量《定量分析-蠶絲/羊絨混紡產品》 | FZ/T 01048-1997 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

## Textiles and Garments 紡織品及成衣

| ITEM TESTED OR MEASURED<br>測試或量度項目 | SPECIFIC TEST OR PROPERTY MEASURED<br>特定測試或量度的特性 | SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED<br>規範、標準方法或應用技術 |
|---|---|---|
| | Flammability tests :- | |
| General textiles and garments<br>一般紡織品及成衣 | - 45° angle test | ASTM D1230 - 22a<br>US 16 CFR Part 1610<br>(Including amendments 88 FR 73230, 88 FR 73231 and 88 FR 73233)<br><br>GB/T 14644-2014 |
| | - Horizontal test | ASTM D4151 - 18 |
| | - Surface flash | BS 4569: 1983 |
| | - Vertical test | BS EN ISO 6941: 2003<br>16CFR Parts 1615 and 1616 (DOCFF 3 & 5) (2004 Edition) |
| Other Materials :-<br>- Vinyl plastic film | - Flammability of vinyl plastic film | US 16 CFR Part 1611 |
| Specific Products :-<br>- Bed covers and pillows | - Ignitability by cigarette test | BS EN ISO 12952-1: 2010<br>EN ISO 12952-1: 2010<br>ISO 12952-1: 2010<br>BS EN ISO 12952-2: 2010<br>EN ISO 12952-2: 2010<br>ISO 12952-2: 2010 |
| - Camping tentage | - Vertical test | US IFAI (Industrial Fabric Association International) CPAI-84 (2021) |
| - Carpet and rugs | - Methenamine tablet test | US 16 CFR Parts 1630 and 1631 (DOCFF 1 & 2) |
| - Sleeping bag | - Horizontal test | ASTM F1955 - 20<br>US IFAI (Industrial Fabric Association International) CPAI-75 (1976) |
| - Sleepwear | - Vertical test | BS 5722: 1984<br>BS 5438: 1976 test 3<br>BS 5651: 1978 cl. 6.5.2<br>BS EN 14878: 2007<br>AS/NZS 1249: 2014 + A1: 2014 + A2: 2017 + A3: 2020 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

## Textiles and Garments 紡織品及成衣

| ITEM TESTED OR MEASURED<br>測試或量度項目 | SPECIFIC TEST OR PROPERTY MEASURED<br>特定測試或量度的特性 | SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED<br>規範、標準方法或應用技術 |
|---|---|---|
| | Flammability tests :- (cont'd) | |
| Specific Products :- (cont'd) | | |
| - Textile Floor Coverings | - Hot metal nut method | BS 4790: 1987 + Amd. 1 and 2 |
| | - Assessment and labelling | BS 5287: 1988 |
| - Wearing apparel | - Vertical test | EN 1103:2005<br>< ***Excluding the following*** ><br>dry clean method |
| | - Surface burning time | ISO 10047: 1993 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

## Textiles and Garments 紡織品及成衣

| ITEM TESTED OR MEASURED<br>測試或量度項目 | SPECIFIC TEST OR PROPERTY MEASURED<br>特定測試或量度的特性 | SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED<br>規範、標準方法或應用技術 |
|---|---|---|
| General textiles and garments<br>一般紡織品及成衣 | Strength tests :- | |
| | - Bursting strength (hydraulic method)<br>頂破強力《彈性膜片法》 | BS EN ISO 13938-1: 2019<br>EN ISO 13938-1: 2019<br>ISO 13938-1: 2019<br>GB/T 7742.1-2005 |
| | - Bursting strength<br>(0-200 p.s.i.) | ASTM D3786 / D3786M - 18(2023)<br>ISO 13938-2: 2019<br>BS EN ISO 13938-2: 2019 |
| | - Bursting strength (steel ball method)<br>頂破強力《鋼球法》 | GB/T 19976-2005 |
| | - Elasticity of fabrics (strip tests) | BS EN 14704-1: 2005 method A<br>BS EN ISO 20932-1: 2020 + A1: 2021<br>EN ISO 20932-1: 2020<br>ISO 20932-1: 2018<br>***< Excluding the following >***<br>for the three standards above<br>cl. 5, 6.3, 8.2.1.2, 8.2.2.2, 8.2.3.2, 9.1.2, 9.2.2 & Annex B |
| | - Elasticity of fabrics (narrow fabric) | BS EN ISO 20932-3: 2020<br>EN ISO 20932-3: 2020<br>ISO 20932-3: 2018<br>***< Excluding the following >***<br>for the three standards above<br>cl. 4.2, 5, 9.2 & Annex B |
| | - Seam slippage<br>縫子紕裂程度 | ASTM D434 - 95<br>JIS L1096-2010 (based on English version published in 2012-10) section 8.23 method B<br>BS 3320: 1988 Amd. 6261: 90 (1995)<br>BS EN ISO 13936-1: 2004<br>BS EN ISO 13936-2: 2004<br>GB/T 21294-2014 cl. 9.2.1 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Textiles and Garments 紡織品及成衣** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Strength tests :- (Cont'd) | |
| General textiles and garments<br>一般紡織品及成衣 | - Seam strength<br>接縫強力 | ASTM D1683 / D1683M - 22<br>JIS L1093-2011 (based on English version published in 2013-02)<br>BS EN ISO 13935-2: 2014<br>GB/T 21294-2014 cl. 9.2.2 and 9.2.3 |
| | - Seam strength (Bursting method)<br>接縫強力《頂破法》 | FZ/T 01030-2016 method A<br>< ***Excluding the following*** ><br>overlock stitching method in app. A |
| | - Seam strength (Grab method)<br>接縫強力《抓樣拉伸法》 | FZ/T 01031-2016 |
| | - Single yarn strength | ASTM D2256 / D2256M - 21<br>***<Excluding the following>***<br>section 10.2, 10.3, 11.2, 11.3, 11.4, 11.5, 11.6<br>ISO 2062: 2009 method A<br>BS EN ISO 2062: 2009 method A |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Textiles and Garments 紡織品及成衣** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Strength tests :- (cont'd) | |
| General textiles and garments<br>一般紡織品及成衣 | - Stretch and Recovery | BS 4952: 1992 cl. 2.1, 2.2 and 2.4 |
| | - Tearing strength (Elmendorf)<br>撕破強力《沖擊擺錘法》 | ASTM D1424 - 21<br>JIS L1096-2010 (based on English version published in 2012-10) section 8.17.4 methd D<br>AS 2001.2.8-2001<br>CAN/CGSB 4.2 No.12.3-2005 (R2013)<br>ISO 13937-1: 2000 Corr.1: 2004<br>GB/T 3917.1-2009 |
| | - Tearing strength (single rip tear method)<br>撕破強力《單縫隙褲形試樣法》 | BS EN ISO 13937-2: 2000<br>EN ISO 13937-2: 2000<br>ISO 13937-2: 2000<br>GB/T 3917.2-2009 |
| | - Tearing strength (Tongue method) | ASTM D2261 - 13(2017)<br>***<Excluding the following>***<br>section 9.2 |
| | - Tearing strength<br>(tongue tear (wing-rip) method) | BS EN ISO 13937-3: 2000<br>EN ISO 13937-3: 2000<br>ISO 13937-3: 2000 |
| | - Tensile strength (Breaking force by strip method)<br>斷裂強力《條樣法》 | ASTM D5035 - 11(2019)<br>GB/T 3923.1-2013<br>ISO 13934-1: 2013<br>BS EN ISO 13934-1: 2013<br>JIS L1096-2010 (based on English version published in 2012-10) section 8.14.1 method A |
| | - Tensile strength (Grab method)<br>撕破強力《抓形法》 | ASTM D5034 - 21<br>JIS L1096-2010 (based on English version published in 2012-10) section 8.14.1 method B<br>BS EN ISO 13934-2: 2014<br>ISO 13934-2: 2014<br>GB/T 3923.2-2013 |
| | - Tear resistance (non-woven) | BS EN ISO 9073-4: 2021<br>EN ISO 9073-4: 2021<br>ISO 9073-4: 2021 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

## Textiles and Garments 紡織品及成衣

| ITEM TESTED OR MEASURED<br>測試或量度項目 | SPECIFIC TEST OR PROPERTY MEASURED<br>特定測試或量度的特性 | SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED<br>規範、標準方法或應用技術 |
|---|---|---|
| | Strength tests :- (cont'd) | |
| - Garments used adhesive interling<br>使用粘合襯服裝 | - Peel off strength value<br>剝離強力 | FZ/T 80007.1-2006 |
| - Woven fabrics<br>機織物 | - Elongation at fixed stress<br>定力伸長 | FZ/T 01034-2008 cl. 8.3.1 |
| Other Materials :- | | |
| - Fabrics coated with rubber or plastics | - Flexing resistance | BS EN ISO 7854: 1997 method C |
| | - Tear resistance | ISO 4674-1: 2016 |
| | - Tensile strength and elongation at break | ISO 1421: 2016 |
| Specific Products | | |
| - Zippers | - Zipper strength | ASTM D2061 - 07(2021)<br>< ***Excluding the following*** ><br>section 5.1, 33 to 51 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Textiles and Garments 紡織品及成衣 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Performance tests :- (cont'd) | |
| Specific Products :-<br>- Camping mattress (for single bed only) | - Thermal resistance | ASTM F3340 - 22 |
| - Footwear 鞋類<br>- Footwear materials<br>- heels | - Fatigue resistance | ISO 19956: 2004 |
| - shanks | - Specifications of footwear products<br>鞋類成品的要求 | GB 28011-2011<br>< ***Excluding the following 不包括*** ><br>Cl. 8 and 9 第 8 及 9 節 |
| | - Rockwell hardness of metallic materials (Type HR15N, HRA and HRC only)<br>金屬材料的硬度 (HR15N, HRA 及 HRC) | GB/T 230.1-2018 |
| | - Longitudinal stiffness of shanks<br>皮鞋勾心縱向剛度 | QB/T 1813-2000 |
| | - Fatigue resistance 抗疲勞性 | GB/T 3903.35-2008 |
| - outsole<br>外底 | - Abrasion resistance of vulcanized rubber<br>硫化橡膠或熱塑橡膠的耐磨性能 | GB/T 1689-2014 |
| | - Density of rubber (vulcanized or thermoplastic)<br>硫化橡膠或熱塑橡膠的密度 | GB/T 533-2008 method A |
| | - Hardness of rubber (vulcanized or thermoplastic)<br>硫化橡膠或熱塑橡膠的硬度 | GB/T 531.1-2008 type A & D |
| | - Tensile strength of rubber (vulcanized or thermoplastic)<br>硫化橡膠或熱塑橡膠的拉伸應力 | GB/T 528-2009 type 1 dumbell |
| | - Upper sole adhesion | BS EN ISO 17708: 2018<br>EN ISO 17708: 2018<br>ISO 17708: 2018 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

## Textiles and Garments 紡織品及成衣

| ITEM TESTED OR MEASURED<br>測試或量度項目 | SPECIFIC TEST OR PROPERTY MEASURED<br>特定測試或量度的特性 | SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED<br>規範、標準方法或應用技術 |
|---|---|---|
| | Performance tests :- (cont'd) | |
| Specific Products :- (cont'd)<br>- Footwear 鞋類 (cont'd)<br>- Footwear materials (cont'd)<br>- uppers and linings<br>圍條與鞋幫 | - Adhesion strength of fabric bonded with rubber (vulcanized or thermoplastic)<br>硫化橡膠或熱塑橡膠與織物的粘合強度 | GB/T 532-2008 |
| | - Flex resistance | BS EN 13512: 2002<br>BS EN ISO 5402-1: 2022<br>ISO 17694: 2016 |
| - uppers and linings(Leather) | - Flexibility and adhesion of finish | ASTM D6182 - 00(2015) |
| - Footwear 鞋類<br>- Children's footwear<br>兒童鞋 | - Specifications of footwear products | GB 30585-2014 |
| - Rubber shoes<br>膠鞋 | - Specifications of footwear products | GB25038-2010 |
| - Sport shoes<br>普通運動鞋 | - Specifications of footwear products<br>鞋類成品的要求 | HG/T 2017-2011<br>< ***Excluding the following 不包括*** ><br>Cl. 5 第 5 章 |
| - Whole shoe | - Toe adhesion strength | BS 5131-5.1: 1990 |
| | - Flex resistance of whole rubber shoe | HG/T 2871-2022 method A |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

## Textiles and Garments 紡織品及成衣

| ITEM TESTED OR MEASURED<br>測試或量度項目 | SPECIFIC TEST OR PROPERTY MEASURED<br>特定測試或量度的特性 | SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED<br>規範、標準方法或應用技術 |
|---|---|---|
| | Performance tests :- | |
| Specific Products :- (cont'd)<br>- Protective clothing, protective gloves:-<br>- Protective clothing<br>(materials and seams of protective clothing) | - Protection against rain | BS EN 343: 2019<br>EN 343: 2019 |
| - Protective clothing materials | - Light blocking effect | AATCC TM203-2016e |
| | - Solar UV protective properties | GB/T 18830-2009 |
| | - Thermal resistance | BS 4745: 2005<br>< ***Excluding the following*** ><br>Cl. 10.1 |
| | - Water vapour permeability | ASTM E96 / E96M - 22ae1<br>< ***Excluding the following*** ><br>section 8<br>GB/T 21655.1-2023<br>< ***Excluding the following*** ><br>Cl. 7.1 第 7.1 節<br>GB/T 12704.1-2009<br>GB/T 12704.2-2009 |
| - Protective clothing | - Electrostatic properties | BS EN 1149-1: 2006<br>EN 1149-1: 2006 |
| - Protective clothing<br>- Enhanced visibility equipment for medium risk situations | - Performance requirements | EN 17353: 2020<br>BS EN 17353: 2020<br>< ***Excluding the following*** ><br>for the above two standards<br>Cl. 7.4.5, 7.4.6, 7.5.3, 8 and 9 |
| - Protective clothing for non professional use | - Optical performance requirements | EN 1150: 1999<br>NF EN 1150: 1999<br>< ***Excluding the following*** ><br>Cl. 7.4.5.3, 8, 9, 10 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Textiles and Garments 紡織品及成衣 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Performance tests :- (cont'd) | |
| Specific Products :- (cont'd)<br>- Protective clothing / protective gloves:- (cont'd)<br>- Protective clothing (high visibility) | - Performance requirements | BS EN ISO 20471: 2013 + A1: 2016<br>EN ISO 20471: 2013 + A1: 2016<br>ISO 20471: 2013/Amd.1: 2016<br>< ***Excluding the following*** ><br>for the above three standards<br>Cl. 5.6.3 (test to ISO 13688: 1998), 8, 9 |
| - High visibility safety apparel | | ANSI/ISEA 107-2020<br>< ***Excluding the following*** ><br>Cl. 6.1, 7.4, 10.4.5.3, 10.5, 11, 12, 13, 14 |
| - High visibility safety apparel | - Performance requirements | CSA Z96-22<br>< ***Excluding the following*** ><br>Cl. 4.2.1, 7.4.8, 8, 9, 10 |
| - Retroreflector used in protective clothing | - Optical performance | EN 13356: 2001<br>BS EN 13356: 2001 |
| - Protective gloves | - General requirements | BS EN 420: 2003 + A1: 2009<br>EN 420: 2003 + A1: 2009<br>< ***Excluding the following*** ><br>for the above 2 standards<br>Cl. 4.2 (for leather gloves), 4.3.3, 4.3.4, 7<br><br>ISO 21420: 2020<br>< ***Excluding the following*** ><br>Cl. 4.4, 7 |
| | - Assessment of mechanical risks | BS EN 388: 2016 + A1: 2018<br>EN 388: 2016 + A1: 2018<br>< ***Excluding the following*** ><br>for the above 2 standards<br>Cl. 4.2, 6.6 and 7<br><br>ISO 23388: 2018<br>< ***Excluding the following*** ><br>Cl. 4.2, 6.6 and 7 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

## Textiles and Garments 紡織品及成衣

| ITEM TESTED OR MEASURED<br>測試或量度項目 | SPECIFIC TEST OR PROPERTY MEASURED<br>特定測試或量度的特性 | SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED<br>規範、標準方法或應用技術 |
|---|---|---|
| | Performance tests :- | |
| Specific Products :- (cont'd)<br>- Textiles and Garment Products (GB, GB/T)<br>- Textiles Products<br>紡織產品 | - Instruction for use of products of consumer interest – Instruction for use of textiles and apparel<br>紡織產品和服裝使用說明 | GB 5296.4-2012 |
| | - National general safety technical code<br>基本技術安全規範 | GB 18401-2010 |
| - Infants and children wear<br>嬰幼兒及兒童紡織產品 | - Specifications of garment products<br>服裝成品的要求 | GB 31701-2015<br>< ***Excluding the following 不包括*** ><br>Cl. 6.1, 6.2 and 6.4 第 6.1, 6.2 及 6.4 節 |
| - Cotton knitted underwear<br>棉針織內衣 | - Specifications of garment products<br>服裝成品的要求 | GB/T 8878-2014 |
| - Clothes with fillings<br>棉服裝 | - Specifications of garment products<br>服裝成品的要求 | GB/T 2662-2017 cl. 3.11, 3.12 and 4.4 |
| - Down garments<br>羽絨服裝 | - Specifications of garment products<br>服裝成品的要求 | GB/T 14272-2021 cl. 4.1, 4.3.3, 4.11, 5.1, 5.3, 5.4, 5.6, app. A, B, C, D |
| - Knitted children's wear<br>針織兒童服裝 | - Specifications of garment products<br>服裝成品的要求 | GB/T 73045-2013<br>< ***Excluding the following 不包括*** ><br>Cl. 4.4, 5.1, 6.1, 6.3, 7.2, 7.3 and 7.4<br>第 4.4, 5.1, 6.1, 6.3, 7.2, 7.3 及 7.4 節 |
| - Knitted school uniform<br>針織學生服 | - Specifications of garment products<br>服裝成品的要求 | GB/T 22854-2009 |
| - Knitted sportwear<br>針織運動服 | - Specifications of garment products<br>服裝成品的要求 | GB/T 22853-2019<br>< ***Excluding the following 不包括*** ><br>Cl. 5.4, 6.1, 6.3, 7.2, 7.3 and 7.4<br>第 5.4, 6.1, 6.3, 7.2, 7.3 及 7.4 節 |
| - Knitted T-shirt<br>針織 T 恤衫 | - Specifications of garment products<br>服裝成品的要求 | GB/T 22849-2014 |
| - Men's suits and coats<br>男西服、大衣 | - Specifications of garment products<br>服裝成品的要求 | GB/T 2664-2017 cl. 3.12 and 4.4 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

## Textiles and Garments 紡織品及成衣

| ITEM TESTED OR MEASURED<br>測試或量度項目 | SPECIFIC TEST OR PROPERTY MEASURED<br>特定測試或量度的特性 | SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED<br>規範、標準方法或應用技術 |
|---|---|---|
| | Performance tests :- (cont'd) | |
| Specific Products :- (cont'd)<br>- Textiles and Garment Products (GB, GB/T) (cont'd) | | |
| - Neckties<br>領帶 | - Specifications of garment products<br>服裝成品的要求 | GB/T 23314-2021 cl. 4.8, 5.4, app.A |
| - Outdoor sportswear – water resistant garment<br>户外運動服裝 | - Specifications of garment products<br>服裝成品的要求 | GB/T 32614-2016<br>< ***Excluding the following 不包括*** ><br>Cl. 5.4, 6.1, 6.3, 7.2, 8.2, 8.3 and 8.4<br>第 5.4, 6.1, 6.3,7.2, 8.2, 8.3 及 8.4 節 |
| - Silk garments<br>絲綢服裝 | - Specifications of garment products<br>服裝成品的要求 | GB/T 18132-2016 cl. 4.12, 5.4 |
| - Shirts and blouses<br>襯衫 | - Specifications of garment products<br>服裝成品的要求 | GB/T 2660-2017 cl. 3.11, 3.12, 4.4 |
| - Trousers<br>西褲 | - Specifications of garment products<br>服裝成品的要求 | GB/T 2666-2017 cl. 3.12, 4.4, app. A |
| - Washed garments<br>水洗整理服裝 | - Specifications of garment products<br>服裝成品的要求 | GB/T 22700-2016 cl. 4.10, 5.4, app. B |
| - Women's suits and coats<br>女西服、大衣 | - Specifications of garment products<br>服裝成品的要求 | GB/T 2665-2017 cl. 3.12, 4.4 |
| - Woven children's clothing<br>機織兒童服裝 | - Specifications of garment products<br>服裝成品的要求 | GB/T 31900-2015 cl. 3.12, 4.4 |
| - Woven garments for infant<br>機織嬰幼兒服裝 | - Specifications of garment products<br>服裝成品的要求 | GB 33271-2016<br>< ***Excluding the following 不包括*** ><br>Cl. 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 4.10, 4.11, 5.3, 5.4.6, 6 and 7<br>第 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 4.10, 4.11 5.3, 5.4.6, 6 及 7 節 |
| - Woven garments for students<br>機織學生服 | - Specifications of garment products<br>服裝成品的要求 | GB/T 23328-2009 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司

1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Textiles and Garments 紡織品及成衣** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Specific Products :- (cont'd)<br>- Textiles and Garment Products (FZ/T)<br>- Brassiere<br>文胸 | Performance tests :- (cont'd) | |
| - Brassiere<br>文胸 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 73012-2017<br>< ***Excluding the following 不包括*** ><br>Cl. 5.4, 6.2, 7.1, 7.3 and 8<br>第 5.4, 6.2, 7.1, 7.3 及 8 節 |
| - Moulded bra<br>一體成型文胸 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 73046-2020 cl. 5.2, 6.1, app.A |
| - Sports brassiere<br>運動文胸 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 74002-2014<br>< ***Excluding the following 不包括*** ><br>Cl. 5.4, 6.2, 7.1, 7.3, 8.2, 8.3 and 8.4<br>第 5.4, 6.2, 7.1, 7.3, 8.2, 8.3 及 8.4 節 |
| - Woven brassiere<br>機織文胸 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 81020-2014<br>< ***Excluding the following 不包括*** ><br>Cl. 4.3, 4.5, 4.6, 4.7, 5.2, 5.3, 6 and 7<br>第 4.3, 4.4, 4.5, 4.6, 4.7, 5.2, 5.3, 6 及 7 節 |
| - Casual wear<br>單、夾服裝 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 81007-2022<br>< ***Excluding the following 不包括*** ><br>Cl. 6 and 7<br>第 6 及 7 節 |
| - Children's clothing and student's wear<br>兒童服裝、學生服 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 81003-2003 |
| - Infant's wear<br>嬰幼兒服裝 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 81014-2008<br>< ***Excluding the following 不包括*** ><br>Cl. 5.4.6 and 5.4.7<br>第 5.4.6 及 5.4.7 節 |
| - Jackets<br>茄克衫 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 81008-2021 cl. 3.11, 4.4 |
| - Jeanswear<br>牛仔服裝 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 81006-2017 cl. 4.11, 5.4, app. B, C |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

## Textiles and Garments 紡織品及成衣

| ITEM TESTED OR MEASURED<br>測試或量度項目 | SPECIFIC TEST OR PROPERTY MEASURED<br>特定測試或量度的特性 | SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED<br>規範、標準方法或應用技術 |
|---|---|---|
| Specific Products :- (cont'd)<br>- Textiles and Garment Products (FZ/T) (cont'd)<br>- Kintted products and wears | Performance tests :- (cont'd) | |
| - Cashmere knitting goods<br>羊絨針織品 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 73009-2021<br>< ***Excluding the following 不包括*** ><br>Cl. 5.4, 6.3, 7, 8, 9, 10 and app.B<br>第 5.4, 6.3, 7, 8, 9, 10 節及附錄 B |
| - Printing cashmere knitting goods<br>印花羊絨針織品 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 24019-2012<br>< ***Excluding the following 不包括*** ><br>Cl. 6.2 第 6.2 節 |
| - Knitted accessories<br>針織配飾品 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 73044-2012<br>< ***Excluding the following 不包括*** ><br>Cl. 6.1, 7.1, 8.2, 8.3 and 8.4<br>第 6.1, 7.1, 8.2, 8.3 及 8.4 節 |
| - Knitted cap<br>針織帽 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 73002-2016 cl. 3.5 and 4.4 |
| - Knitted civil gloves<br>針織民用手套 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 73047-2013<br>< ***Excluding the following 不包括*** ><br>Cl. 4.3, 5.14, 5.2, 6.1, 6.3, 7.2, 7.3 and 7.4<br>第 4.3, 5.14, 5.2, 6.1, 6.3, 7.2, 7.3 及 7.4 節 |
| - Knitted garment and adornment for Infant<br>嬰幼兒針織服飾 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 73025-2019<br>< ***Excluding the following 不包括*** ><br>Cl. 5.4, 6.2, 7, 8 and 9<br>第 5.4, 6.2, 7, 8 及 9 節 |
| - Knitted homewear<br>針織家居服 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 73017-2014 |
| - Knitted jeanswear<br>針織牛仔服裝 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 73032-2017<br>< ***Excluding the following 不包括*** ><br>Cl. 5.4, 6.3, 7.1, 7.3 and 8<br>第 5.4, 6.3, 7.1, 7.3 及 8 節 |
| - Knitted scarf and shawl<br>針織圍巾披肩 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 73042-2011 cl. 4.7, 5.2<br>< ***Excluding the following 不包括*** ><br>Cl. 4.4, 5.1, 5.2, 6.1, 6.3, 7.2, 7.3 and 7.4<br>第 4.4, 5.1, 5.2, 6.1, 6.3, 7.2, 7.3 及 7.4 節 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

## Textiles and Garments 紡織品及成衣

| ITEM TESTED OR MEASURED<br>測試或量度項目 | SPECIFIC TEST OR PROPERTY MEASURED<br>特定測試或量度的特性 | SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED<br>規範、標準方法或應用技術 |
|---|---|---|
| Specific Products :- (cont'd)<br>- Textiles and Garment Products (FZ/T) (cont'd)<br>- Kintted products and wears (cont'd) | Performance tests :- (cont'd) | |
| - Knitted shirts<br>針織襯衫 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 73043-2020<br>< ***Excluding the following 不包括*** ><br>Cl. 4.3, 5.1, 5.2, 5.3, 6 and 7<br>第 4.3, 5.1, 5.2, 5.3, 6 及 7 節 |
| - Knitted skirt suit<br>針織裙套 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 73026-2014 |
| - Knitted sportwear<br>針織運動服 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 73007-2002 |
| - Knitted sportswear<br>針織休閒服裝 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 73020-2019<br>< ***Excluding the following 不包括*** ><br>Cl. 5.4, 6.2, 7, 8 and 9<br>第 5.4, 6.2, 7, 8 及 9 節 |
| - Knitted swimming suits<br>針織泳裝 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 73013-2017<br>< ***Excluding the following 不包括*** ><br>Cl. 4.3, 5.2, 6.1, 6.3 and 7<br>第 4.3, 5.2, 6.1, 6.3 及 7 節 |
| - Knitted trousers<br>針織褲 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 73029-2019<br>< ***Excluding the following 不包括*** ><br>Cl. 6.3, 7.1, 7.2, 8.1, 8.3, 8.4 and 9<br>第 6.3, 7.1, 7.2, 8.1, 8.3, 8.4 及 9 節 |
| - Knitted underwear<br>針織內衣 | | |
| - Knitted constructive in-wear - elastic style<br>針織塑身內衣-彈力型 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 73019.1-2017<br>< ***Excluding the following 不包括*** ><br>Cl. 5.4, 6.1, 6.2, 7.1 and 8<br>第5.4, 6.1, 6.2, 7.1及8節 |
| - Knitted shape wear - figured-style<br>針織塑身內衣 調整型 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 73019.2-2020<br>< ***Excluding the following 不包括*** ><br>Cl. 6.3, 7.2, 8, 9 and 10<br>第 6.3, 7.2, 8, 9 及 10 節 |
| - Knitted thermal underwear<br>針織保暖內衣 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 73022-2019<br>< ***Excluding the following 不包括*** ><br>Cl. 4.4, 5.2.15, 6, 7 and 8<br>第 4.4, 5.2.15, 6, 7 及 8 節 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

## Textiles and Garments 紡織品及成衣

| ITEM TESTED OR MEASURED<br>測試或量度項目 | SPECIFIC TEST OR PROPERTY MEASURED<br>特定測試或量度的特性 | SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED<br>規範、標準方法或應用技術 |
|---|---|---|
| Specific Products :-<br>- Textiles and Garment Products (FZ) (cont'd)<br>- Kintted products and wears (cont'd)<br>- Knitted underwear (cont'd)<br>針織內衣 | Performance tests :- (cont'd) | |
| - Knitted underwear with chemical fibres<br>化纖針織內衣 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 73024-2014<br>***<Excluding the following 不包括>***<br>Cl. 4.4, 5.2, 6.3, 7.2, 7.3 and 7.4<br>第 4.4, 5.2, 6.3, 7.2, 7.3 及 7.4 節 |
| - Knitted workmanship sweater<br>針織工藝衫 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 73010-2016<br>***<Excluding the following 不包括>***<br>Cl. 5.4, 6.2, 7.1, 7.2, 8.2, 8.3 and 8.4<br>第 5.4, 6.2, 7.1, 7.2, 8.2, 8.3 及 8.4 節 |
| - Silk knitting garments<br>桑蠶絲針織服裝 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 43015-2021<br>***<Excluding the following 不包括>***<br>Cl. 6 and 7 第 6 及 7 節 |
| - Washed knitted garments<br>水洗整理針織服裝 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 73052-2015<br>***<Excluding the following 不包括>***<br>Cl. 5.4, 7.1, 8.2, 8.3 and 8.4<br>第 5.4, 7.1, 8.2, 8.3 及 8.4 節 |
| - Wool knitting goods<br>毛針織品 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 73018-2021<br>***<Excluding the following 不包括>***<br>Cl. 5.4, 6.3, 7, 8, 9 and 10<br>第 5.4, 6.3, 7, 8, 9 及 10 節 |
| - Low wool content and wool like knitting goods<br>低含毛混紡及仿毛針織品 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 73005-2021<br>***<Excluding the following 不包括>***<br>Cl. 4.4, 5.3, 6, 7, 8 and 9<br>第4.4, 5.3, 6, 7, 8及9節 |
| - Pajamas<br>睡衣套 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 81001-2016 cl. 4.12, 5.4 |
| - Scarf and shawl<br>機織圍巾披肩 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 81012-2016 cl. 4.7, 5.2 |
| - Silk & filament yarn scarf<br>絲綢針織圍巾 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 43014-2018<br>***<Excluding the following 不包括>***<br>Cl. 4.5, 5.2, 6 and 7 第 4.5, 5.2, 6 及 7 節 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

## Textiles and Garments 紡織品及成衣

| ITEM TESTED OR MEASURED<br>測試或量度項目 | SPECIFIC TEST OR PROPERTY MEASURED<br>特定測試或量度的特性 | SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED<br>規範、標準方法或應用技術 |
|---|---|---|
| Specific Products :- (cont'd)<br>- Textiles and Garment Products (FZ/T) (cont'd) | Performance tests :- (cont'd) | |
| - Skirts and skirted suit<br>連衣裙、裙套 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 81004-2022<br>< ***Excluding the following 不包括*** ><br>Cl. 6 and 7 第 6 及 7 節 |
| - Suits with no fusible interlining<br>非粘合襯西服 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 81017-2012<br>< ***Excluding the following 不包括*** ><br>Cl. 6 and 7 第 6 及 7 節 |
| - Trench coats<br>風衣 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 81010-2018 cl. 3.11, 3.12, 4.4 |
| - Woven products and wears<br>- Woven belt<br>機織腰帶 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 63005-2019<br>< ***Excluding the following 不包括*** ><br>Cl. 4.4, 5, 6.9, 7, 8 and 9<br>第 4.4, 5, 6.9, 7, 8 及 9 節 |
| - Woven cap<br>縫製帽 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 82002-2016 cl. 3.5, 4.4 |
| - Woven swimming wear<br>機織泳裝 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 81021-2014 cl. 4.9, 5.4 |
| - Textiles accessories (QB/T)<br>- Handbag and knapsack<br>背提包 | - Specifications of garment products<br>服裝成品的要求 | QB/T 1333-2018<br>< ***Excluding the following 不包括*** ><br>Cl. 4.1.1, 4.2, 5.1, 5.2, 6 and 7<br>第4.1.1, 4.2, 5.1, 5.2, 6及7節 |
| - Pencil bag<br>筆袋 | - Specifications of garment products<br>服裝成品的要求 | QB/T 2772-2017<br>< ***Excluding the following 不包括*** ><br>Cl. 6 and 7<br>第6及7節 |
| - Wallet<br>票夾 | - Specifications of garment products<br>服裝成品的要求 | QB/T 1619-2018<br>< ***Excluding the following 不包括*** ><br>Cl. 5.1, 5.2, 6.1, 6.2, 7 and 8<br>第 5.1, 5.2, 6.1, 6.2, 7 及 8 節 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

## Textiles and Garments 紡織品及成衣

| ITEM TESTED OR MEASURED<br>測試或量度項目 | SPECIFIC TEST OR PROPERTY MEASURED<br>特定測試或量度的特性 | SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED<br>規範、標準方法或應用技術 |
|---|---|---|
| Specific Products :-<br>- Textiles accessories (cont'd)<br>- Socks | Performance tests :- (cont'd) | |
| - Hosiery<br>襪子 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 73001-2016<br>< ***Excluding the following 不包括*** ><br>Cl. 5.3.2, 5.3.3, 6.1, 6.2.1, 6.2.2, 6.2.3, 6.2.5, 7.1, 8.3 and 8.4<br>第 5.3.2, 5.3.3, 6.1, 6.2.1, 6.2.2, 6.2.3, 6.2.5, 7.1, 8.3 及 8.4 節 |
| - Anti-embolism hosiery | - Compression, stiffness and labelling | BS 7672: 1993 |
| - Non-precsiptive graudated support hosiery | - Compression, stiffness and labelling | BS 7563: 1999 |
| - Graudated compression hosiery | - Compression, stiffness and labelling | BS 661210: 2018 + A1: 2022 |
| - Knitted sports socks<br>針織運動襪 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 73037-2019<br>< ***Excluding the following 不包括*** ><br>Cl. 5.3, 6.1, 6.2, 6.4.8, 7.1, 7.3, 7.4 and 8<br>第 5.3, 6.1, 6.2, 6.4.8, 7.1, 7.3, 7.4 及 8 節 |
| - Pressure socks<br>壓力襪 | - Specifications of garment products<br>服裝成品的要求 | FZ/T 73031-2009<br>< ***Excluding the following 不包括*** ><br>Cl. 5.2, 5.3.3, 6.1, 6.2, 7.1.1, 7.1.2.1, 8.2, 8.3 and 8.4<br>第 5.2, 5.3.3, 6.1, 6.2, 7.1.1, 7.1.2.1, 8.2, 8.3 及 8.4 節 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Textiles and Garments 紡織品及成衣** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Microbiological test:- | |
| Textiles products | Textiles – Determination of antibacterial activity and efficacy on textile products | JIS L 1902:2015<br>(Quantitative test – Absorption method only)<br>Type of bacteria:<br>*Staphylococcus aureus* and *Klebsiella pneumoniae only* |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Toys and Children's Products 玩具及兒童產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Chemical tests :- | |
| Toys and other articles intended for use by children – paint and other similar surface-coating materials | - Total lead content | US Public Law 110 -314<br>Consumer Product Safety Improvement Act 2008<br>US 16 CFR Part 1303<br>*Test Procedures for Compliance testing:-*<br>CPSC Test method: CPSC-CH-E1003-09.1<br>Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings, February 25, 2011<br><br>ASTM F2853-10 (reapproved 2015)<br>(For determination of lead in paint layers and similar coatings on plastic and metal substrates only) |
| Children's metal products | - Total lead content | US Public Law 110 -314<br>Consumer Product Safety Improvement Act 2008<br>*Test Procedures for Compliance testing*:<br>CPSC Test Method: CPSC-CH-E1001-08.3<br>Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry), November 15, 2012<br>***<Excluding the following>***<br>XRF spectrometry |
| Children's non-metal products | - Total lead content | *Test Procedures for Compliance testing*:<br>CPSC Test Method: CPSC-CH-E1002-08.3<br>Standard Operating Procedure for Determining Total Lead (Pb) in Non-Metal Children's Products, November 15, 2012<br>***<Excluding the following>***<br>XRF spectrometry |
| Toys and childcare articles | - Dibutyl Phthalate (DBP)<br>- Di-(2ethylhexyl) phthalate (DEHP)<br>- Benzyl Butyl Phthalate (BBP)<br>- Diisobutyl phthalate (DIBP)<br>- Diisononyl phthalate (DINP)<br>- Di-n-pentyl phthalate (DPENP)<br>- Di-n-Hexyl phthalate (DHEXP)<br>- Dicyclohexyl phthalate (DCHP) | US 16 CFR Part 1307<br>*Test Procedures for Compliance testing*:<br>CPSC Test Method: CPSC-CH-C1001-09.4<br>Standard Operating Procedure for Determination of Phthalates, January 2018 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司

1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Toys and Children's Products 玩具及兒童產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Chemical tests :- (cont'd) | |
| Toys – paint and similar surface-coating materials | - Total lead content | ASTM F963-17 Cl. 4.3.5.1 (1)<br>*Test Procedures for Compliance testing:*<br>CPSC Test method: CPSC-CH-E1003-09.1 Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings, February 25, 2011 |
| | - Migration of the elements<br>Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium | ASTM F963-17 Cl. 4.3.5.1 (2)<br>*Test Procedures for Compliance testing:*<br>ASTM F963-17 Cl. 8.3.2 – 8.3.4 |
| Toys – substrate materials | - Total lead content | ASTM F963-17 Cl 4.3.5.2 (2)(a)<br>*Test Procedures for Compliance testing:*<br>CPSC Test Method: CPSC-CH-E1001-08.3 Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry), November 15, 2012<br>***<Excluding the following>***<br>XRF spectrometry<br>*Test Procedures for Compliance testing:*<br>CPSC Test Method: CPSC-CH-E1002-08.3 Standard Operating Procedure for Determining Total Lead (Pb) in Non-Metal Children's Products, November 15, 2012<br>***<Excluding the following>***<br>XRF spectrometry |
| | - Migration of the elements<br>Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium | ASTM F963-17 Cl. 4.3.5.2 (2)(b)<br>*Test Procedures for Compliance testing:*<br>ASTM F963-17 Cl. 8.3.5 |
| Metallic toys or metallic toy components | Extractable Cadmium | ASTM F963-17 Cl. 4.3.5.2 (2)(c)<br>*Test Procedures for Compliance testing:*<br>ASTM F963-17 Cl. 8.3.5.5(3) and<br>CPSC Test Method: CPSC-CH-E1004-11 Standard Operating Procedure for Determining Cadmium (Cd) Extractability from Children's Metal Jewelry February 03, 2011 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Toys and Children's Products 玩具及兒童產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Chemical tests :- (cont'd) | |
| Toys – paint and similar surface-coating materials | - Total lead content | ASTM F963-23 Cl. 4.3.5.1 (1)<br>*Test Procedures for Compliance testing:*<br>CPSC Test method: CPSC-CH-E1003-09.1 Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings, February 25, 2011 |
| | - Migration of the elements<br>Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium | ASTM F963-23 Cl. 4.3.5.1 (2)<br>*Test Procedures for Compliance testing:*<br>ASTM F963-23 Cl. 8.3.2 – 8.3.4 |
| Toys – substrate materials | - Total lead content | ASTM F963-23 Cl 4.3.5.2 (2)(a)<br>*Test Procedures for Compliance testing:*<br>CPSC Test Method: CPSC-CH-E1001-08.3 Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry), November 15, 2012<br>***<Excluding the following>***<br>XRF spectrometry<br>*Test Procedures for Compliance testing:*<br>CPSC Test Method: CPSC-CH-E1002-08.3 Standard Operating Procedure for Determining Total Lead (Pb) in Non-Metal Children's Products, November 15, 2012<br>***<Excluding the following>***<br>XRF spectrometry |
| | - Migration of the elements<br>Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium | ASTM F963-23 Cl. 4.3.5.2 (2)(b) & (c)<br>*Test Procedures for Compliance testing:*<br>ASTM F963-23 Cl. 8.3.5 |
| Metallic toys or metallic toy components | Extractable Cadmium | ASTM F963-23 Cl. 4.3.5.2 (2)(d)<br>*Test Procedures for Compliance testing:*<br>ASTM F963-23 Cl. 8.3.5.5(3) and CPSC Test Method: CPSC-CH-E1004-11 Standard Operating Procedure for Determining Cadmium (Cd) Extractability from Children's Metal Jewelry February 03, 2011 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Toys and Children's Products 玩具及兒童產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Chemical tests :- (cont'd) | |
| Paint and surface coating materials and substrate materials of children's jewelry | Total Lead content | ASTM F2923-20 Cl. 5<br>*Test Procedures for Compliance testing:*<br>For paint and surface coating materials:<br>CPSC Test method: CPSC-CH-E1003-09.1 Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings, February 25, 2011<br>For substrate materials:<br>CPSC Test Method: CPSC-CH-E1001-08.3 Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry), November 15, 2012<br>***<Excluding the following>***<br>XRF spectrometry<br>CPSC Test Method: CPSC-CH-E1002-08.3 Standard Operating Procedure for Determining Total Lead (Pb) in Non-Metal Children's Products, November 15, 2012<br>***<Excluding the following>***<br>XRF spectrometry |
| Paint and surface coating materials of children's jewelry | - Soluble Antimony, Arsenic, Barium, Cadmium, Chromium, Mercury and Selenium | ASTM F2923-20 Cl. 8<br>*Test Procedures for Compliance testing:*<br>ASTM F963-23 Cl. 8.3.2 – 8.3.4<br>ASTM F963-17 Cl. 8.3.2 – 8.3.4 |
| Plastic & metal substrate materials of children's jewelry | - Screening of total Cadmium content | ASTM F2923-20 Cl. 9<br>*Test Procedures for Compliance testing:*<br>For metal:<br>ASTM F963-17 Cl. 8.3.1.1 – 8.3.1.3 in conjunction with CPSC-CH-E1001-08.3<br>***<Excluding the following>***<br>XRF spectrometry<br>For plastic materials:<br>ASTM F963-17 Cl. 8.3.1.1 – 8.3.1.3 in conjunction with CPSC-CH-E1002-08.3<br>***<Excluding the following>***<br>XRF spectrometry |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Toys and Children's Products 玩具及兒童產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Chemical tests :- (cont'd) | |
| Plastic & metal substrate materials of children's jewelry | - Screening of total Cadmium content | ASTM F2923-20 Cl. 9<br>*Test Procedures for Compliance testing:*<br>For metal:<br>ASTM F963-23 Cl. 8.3.1.1 – 8.3.1.3 in conjunction with CPSC-CH-E1001-08.3<br>***<Excluding the following>***<br>XRF spectrometry<br>For plastic materials:<br>ASTM F963-23 Cl. 8.3.1.1 – 8.3.1.3 in conjunction with CPSC-CH-E1002-08.3<br>***<Excluding the following>***<br>XRF spectrometry |
| Plastic & metal substrate materials of children's jewelry | - Soluble Cadmium | ASTM F2923-20 Cl. 9<br>*Test Procedures for Compliance testing:*<br>For accessible plastic small parts:<br>ASTM F963-23 Cl. 8.3.5<br>ASTM F963-17 Cl. 8.3.5<br>For accessible metallic small parts:<br>ASTM F2923-20 Cl. 14.5.1 and<br>CPSC Test Method: CPSC-CH-E1004-11 Standard Operating Procedure for Determining Cadmium (Cd) Extractability from Children's Metal Jewelry February 03, 2011<br>For accessible plastic and metallic non-small parts:<br>ASTM F2923-20 Cl. 14.6 |
| Children's jewellery intended to come into direct and prolonged contact with skin and the piercing post assembles | - Release of nickel | ASTM F2923-20 Cl. 10<br>*Test Procedures for Compliance testing:*<br>EN 1811:2011+A1:2015 and<br>EN 12472: 2005 + A1: 2009 |
| Plasticised component of children's jewellery | - Phthalates content<br>- Dibutyl Phthalate (DBP)<br>- Di-(2ethylhexyl) phthalate (DEHP)<br>- Benzyl Butyl Phthalate (BBP)<br>- Diisobutyl phthalate (DIBP)<br>- Diisononyl phthalate (DINP)<br>- Di-n-pentyl phthalate (DPENP)<br>- Di-n-Hexyl phthalate (DHEXP)<br>- Dicyclohexyl phthalate (DCHP) | ASTM F2923-20 Cl. 11<br>*Test Procedures for Compliance testing*:<br>CPSC Test Method: CPSC-CH-C1001-09.4 Standard Operating Procedure for Determination of Phthalates, January 2018 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Toys and Children's Products 玩具及兒童產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Chemical tests :- (cont'd) | |
| All toys, children's product surface coating materials | | Canada Toys Regulations SOR/2011-17, as amended by SOR/2022-122, Section 23 |
| | - Total lead content | *Test procedures for compliance testing:-*<br>Canada Health Product Safety Reference Manual Book 5 –Laboratory Policies and Procedures, Part B: Test Methods Section, Method C-02.2.1 Determination of Total Lead in Surface Coating Materials in Consumer Products by Inductively Coupled Plasma Mass Sepctrometry (ICP-MS) (2021-06-02) |
| | - Total mercury content | Canada Health Product Safety Reference Manual Book 5 –Laboratory Policies and Procedures, Part B: Test Methods Section, Method C-07 Determination of Total Mercury in Surface Coating Materials, Applied Coatings and Cosmetic Samples by Direct Mercury Analyzer Wide Range (DMA 80 WR) (2023-07-19) |
| | - Leachable arsenic, selenium, cadmium, antimony and barium | ASTM F963-23 Cl. 8.3.2 – 8.3.4 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Toys and Children's Products 玩具及兒童產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Chemical tests :- (cont'd) | |
| 兒童三輪車 | - 特定可遷移元素<br>鉛，鎘，汞，鉻，砷，銻，硒，銻 | GB 14747-2006 4.1, 4.1.1<br>*Test Procedures for Compliance testing:*<br>GB 6675-2003 + A1: 2005 Annex C |
| 嬰兒學步車 | - 特定可遷移元素<br>鉛，鎘，汞，鉻，砷，銻，硒，銻 | GB 14749-2006 Cl. 4.1.2 & 4.1.3<br>*Test Procedures for Compliance testing:*<br>GB 6675-2003 + A1: 2005 Annex C |
| 鉛筆、彩色鉛筆和繪圖用具 | - 特定可遷移元素<br>鉛，鎘，汞，鉻，砷，銻，硒，銻 | GB 8771: 2007<br>*Test Procedures for Compliance testing:*<br>GB 6675-2003 + A1: 2005 Annex C |
| 學生用品 | - 特定可遷移元素<br>鉛，鎘，汞，鉻，砷，銻，硒，銻 | GB 21027: 2007 Cl. 3.1 and 4.1<br>*Test Procedures for Compliance testing:*<br>GB 6675-2003 + A1: 2005 Annex C |
| 玩具<br>Toys | - 可遷移元素<br>- Migration of the elements<br>鉛，鎘，汞，鉻，砷，銻，硒，銻<br>Lead, cadmium, mercury, chromium, arsenic, barium, selenium, antimony | GB 6675-2003 +A1: 2005 Annex C<br><br>GB 6675.1-2014<br>Cl. 5.3.3, 5.3.4 and 5.3.5 (only for migration of elements for toy cosmetics)<br>*Test Procedures for Compliance testing:*<br>GB 6675.4-2014 |
| | 鄰苯二甲酸酯<br>The content of phthalate<br>- 鄰苯二甲酸二丁酯<br>- Dibutyl phthalate (DBP)<br>- 鄰苯二甲酸丁苄酯<br>- Benxyl butyl phthalate (BBP)<br>- 鄰苯二甲酸二(2-乙基)己酯<br>- Di-(2ethylhexyl) phthalate (DEHP)<br>- 鄰苯二甲酸二異壬酯<br>- Diisononyl phthalate (DINP)<br>- 鄰苯二甲酸二正辛酯<br>- Di-n-octyl phthalate (DNOP)<br>- 鄰苯二甲酸二異癸酯<br>- Diisodecyl phthalate (DIDP) | GB 6675.1-2014 Cl. 5.3.7<br>*Test procedures for compliance testing:*<br>GB/T 22048-2015 method A |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Toys and Children's Products 玩具及兒童產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Chemical tests :- (cont'd) | |
| 玩具<br>Toys | 鄰苯二甲酸酯<br>The content of phthalate<br>- 鄰苯二甲酸二丁酯<br>Dibutyl phthalate (DBP)<br>- 鄰苯二甲酸丁苄酯<br>Benxyl butyl phthalate (BBP)<br>- 鄰苯二甲酸二(2-乙基)己酯<br>Di-(2ethylhexyl) phthalate (DEHP)<br>- 鄰苯二甲酸二異壬酯<br>Diisononyl phthalate (DINP)<br>- 鄰苯二甲酸二正辛酯<br>Di-n-octyl phthalate (DNOP)<br>- 鄰苯二甲酸二異癸酯<br>Diisodecyl phthalate (DIDP) | GB 6675.1-2014 Cl. 5.3.7<br>*Test procedures for compliance testing*:<br>GB/T 22048-2022 method A (Solid sample only)<br>GB/T 22048-2022 method C (Liquid sample only) |
| 玩具<br>Toys | 鄰苯二甲酸酯<br>The content of phthalate<br>- 鄰苯二甲酸二丁酯<br>Dibutyl phthalate (DBP)<br>- 鄰苯二甲酸丁苄酯<br>Benxyl butyl phthalate (BBP)<br>- 鄰苯二甲酸二(2-乙基)己酯<br>Di-(2ethylhexyl) phthalate (DEHP)<br>- 鄰苯二甲酸二異壬酯<br>Diisononyl phthalate (DINP)<br>- 鄰苯二甲酸二正辛酯<br>Di-n-octyl phthalate (DNOP)<br>- 鄰苯二甲酸二異癸酯<br>Diisodecyl phthalate (DIDP)<br>- 鄰苯二甲酸二異丁酯<br>Di-iso-Butyl Phthalate (DIBP) | GB/T 22048-2022 method A (Solid sample only)<br>GB/T 22048-2022 method C (Liquid sample only) |
| Toys | - Migration of the elements<br>Antimony, Arsenic, Barium, Boron, Cadmium, Chromium, Lead, Mercury, Selenium | AS/NZS ISO 8124.3: 2021+Amd 1:2023<br>(for dewaxing: Method A)<br>ISO 8124-3: 2020+A1: 2023<br>(for dewaxing: Method A) |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司

1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Toys and Children's Products 玩具及兒童產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Chemical tests (cont'd) :- | |
| Toys | | Directive 2009/48/EC and amendments Council Directive (EC) 2017/738, Commission Directive (EU) 2018/725, Commission Directive (EU) 2019/1922<br>*Test Procedures for Compliance testing:* |
| | - Migration of certain elements | BS EN 71-3: 2019+A1:2021<br>EN 71-3: 2019+A1:2021 |
| Category I toy materials:<br>dry, brittle, powder like or pliable materials | Aluminium, Antimony, Arsenic, Barium, Boron, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Mercury, Nickel, Selenium, Strontium, Tin and Zinc | Annex E (ICP-MS) |
| | Chromium (VI)<br>Chromium (III) (by calculation) | Annex F (LC-ICP-MS) |
| | Organic Tin:<br>Methyltin, Butyltin, Dibutyl tin, Tributyl tin Tetrabutyl tin, n-Octy tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Triphenyl tin Dimethyl tin | Annex G (GC-MS) |
| Category II toy materials:<br>Liquid or sticky materials | Aluminium, Antimony, Arsenic, Barium, Boron, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Mercury, Nickel, Selenium, Strontium, Tin and Zinc | Annex E (ICP-MS) |
| | Chromium (VI)<br>Chromium (III) (by calculation) | Annex F (LC-ICP-MS) |
| | Organic Tin:<br>Methyltin, Butyltin, Dibutyl tin, Tributyl tin Tetrabutyl tin, n-Octy tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Triphenyl tin Dimethyl tin | Annex G (GC-MS) |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Toys and Children's Products 玩具及兒童產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Chemical tests (cont'd) :- | |
| Toys | - Migration of certain elements | Directive 2009/48/EC and amendments Council Directive (EC) 2017/738, Commission Directive (EU) 2018/725, Commission Directive (EU) 2019/1922<br>*Test Procedures for Compliance testing:*<br>BS EN 71-3: 2019+A1:2021<br>EN 71-3: 2019+A1:2021 |
| Category III toy materials:<br>Scraped-off materials | Aluminium, Antimony, Arsenic, Barium, Boron, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Mercury, Nickel, Selenium, Strontium, Tin and Zinc | Annex E (ICP-MS) |
| | Chromium (VI)<br>Chromium (III) (by calculation) | Annex F (LC-ICP-MS) |
| | Organic Tin:<br>Methyltin, Butyltin, Dibutyl tin, Tributyl tin Tetrabutyl tin, n-Octy tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Triphenyl tin Dimethyl tin | Annex G (GC-MS) |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Toys and Children's Products 玩具及兒童產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Chemical tests (cont'd) :- | |
| Coloured toys | - Resistance to artificial saliva | DIN 53160-1: 2010 |
| | - Resistance to artificial perspiration | DIN 53160-2: 2010 |
| Toys made from elastomers | N-nitrosamines and N-nitrosatable substances | BS EN 71-12:2016<br>***<Excluding the following>***<br>Clause 10.1 Finger paints |
| Toys and children's products | - Di-iso-butyl phthalate (DIBP)<br>- Dibutyl Phthalate (DBP)<br>- Di-(2ethylhexyl) phthalate (DEHP)<br>- Benzyl Butyl Phthalate (BBP)<br>- Di-n-octyl phthalate (DNOP)<br>- Diisononyl phthalate (DINP)<br>- Di-iso-decyl phthalate (DIDP) | ISO 8124-6: 2023<br>Method A (Solid sample only)<br>Method C (Liquid sample only) |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Toys and Children's Products 玩具及兒童產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Chemical tests (cont'd) :- | |
| | | Japan Toy Safety Standard ST 2016<br>Fourth Edition (2022.10.4) Part 3 |
| | | Cl. 1.1<br>*Test Procedures for Compliance testing*: |
| All toys | - Colouring matters | Cl. 2.1 |
| | | Cl. 1.2<br>*Test Procedures for Compliance testing*: |
| Materials consisting chiefly of polyethylene and polyvinyl chloride (except parts on which coating is applied) | - Consumption of potassium permanganate<br>- Residue on evaporation<br>- Heavy metals<br>- Arsenic<br>- Cadmium (excluding materials mainly composed of polyethylene) | Cl. 1.2.1 & Cl. 2.2<br>Cl. 1.2.1 & Cl. 2.3<br>Cl. 1.2.1 & Cl. 2.4<br>Cl. 1.2.1 & Cl. 2.5<br>Cl. 1.2.1 & Cl. 2.6 |
| | | Cl. 1.3<br>*Test Procedures for Compliance testing*: |
| Decalcomania, folded paper and rubber-made toys (excluding rubber pacifiers) | - Heavy metals<br>- Arsenic | Cl. 1.3.1 & Cl. 2.4<br>Cl. 1.3.1 & Cl. 2.5 |
| | | Cl. 1.4<br>*Test Procedures for Compliance testing*: |
| Polyvinyl chloride resin coating material | - Consumption of potassium permanganate<br>- Residue after evaporation | Cl. 1.4.1 & Cl. 2.2<br>Cl. 1.4.1 & Cl. 2.3 |
| | | Cl. 1.5<br>*Test Procedures for Compliance testing*: |
| Paint coating material and polyvinyl chloride resin coating material (excluding the printing ink used for paper containers) | Migration of elements:-<br>- Antimony, arsenic, barium, cadmium, chromium, lead, mercury and selenium | Cl. 1.5.1 & Cl. 2.7 (1) ①, (2) & (3) |
| | | Cl. 1.6<br>*Test Procedures for Compliance testing*: |
| Textile products used for toys | - Formaldehyde | Cl. 1.6 & Cl. 2.8<br>***<Excluding the following>***<br>Confirmation test by HPLC |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Toys and Children's Products 玩具及兒童產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Chemical tests :- (cont'd) | |
| | | Japan Toy Safety Standard ST 2016<br>Fourth Edition (2022.10.4) Part 3 |
| | | Cl. 1.8<br>*Test Procedures for Compliance testing*: |
| Toys that employ ink and the like used for graphic instruments | - Colouring matters | Cl. 1.8.1 & Cl. 2.1 |
| | Migration of elements:-<br>- Antimony, arsenic, barium, cadmium, chromium, lead, mercury and selenium | Cl. 1.8.2 & Cl. 2.7 (1) ②, (2) & (3) |
| | | Cl. 1.9<br>***<Excluding the following>***<br>Cl. 1.9.3<br>*Test Procedures for Compliance testing*: |
| Plasticized material in toys (polyvinyl chloride, polyurethane and rubber) | - Bis (2-ethylhexyl) phthalate (DEHP)<br>- Dibutyl phthalate (DBP)<br>- Butyl benzyl phthalate (BBP)<br>- Di-isononyl phthalate (DINP)<br>- Di-isodecyl phthalate (DIDP)<br>- Di-n-octyl phthalate (DNOP) | Cl. 2.10<br>***<Excluding the following>***<br>Characterization & content determination tests by GC-FID |
| | | Cl. 1.10<br>*Test Procedures for Compliance testing*: |
| Rubber pacifiers | Materials test:<br>- Cadmium and lead | Cl. 2.11.1 |
| | Elution test: -<br>- Phenol<br>- Formaldehyde<br>- Zinc<br>- Heavy metals<br>- Residue after evaporation | Cl. 2.11.2 |
| | | Cl. 1.11<br>*Test Procedures for Compliance testing*: |
| Metals used for toy (neither painted nor covered) | - Lead | Cl. 2.12 & 2.7 (2) & (3) |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Toys and Children's Products 玩具及兒童產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | - Chemical tests (cont'd):- | Specifications and Standards for Foods, Food Additives, etc. Under the Food Sanitation Law (ABSTRACTS) JETRO April 2011, Part V "TOYS"<br>*Test procedures for compliance testing:*<br>Specifications, Standards and Testing Methods for Foodstuffs, Implements, Containers and Packaging, Toys, Detergents, JETRO January 2009 (based on the tentative English translation published by JETRO, January 2009)<br>Part III – Standards and Testing for Toys |
| Decals stickers | - Heavy metals<br>- Arsenic | A-1 |
| Origami paper | - Heavy metals<br>- Arsenic | A-2 |
| Rubber pacifiers | - Lead and Cadmium content<br>- Heavy metals<br>- Zinc<br>- Formaldehyde<br>- Phenol<br>- Residue on evaporation | A-3 and<br>Part II Section D Cl. 3 item (2)<br>Rubber pacifier and artificial nipples |
| Coating of toys | - Cadmium, lead and Arsenic | A-4 |
| Coating which contains polyvinyl chloride | - Potassium permanganate consumption<br>- Evaporation residue | A-5 |
| Parts which are made from polyvinyl chloride, not including the coatings | - Potassium permanganate consumption<br>- Heavy metals<br>- Cadmium<br>- Evaporation residue<br>- Arsenic | A-6 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Toys and Children's Products 玩具及兒童產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | - Chemical tests (cont'd):- | Specifications and Standards for Foods, Food Additives, etc. Under the Food Sanitation Law (ABSTRACTS) JETRO April 2011, Part V "TOYS"<br>*Test procedures for compliance testing:*<br>Specifications, Standards and Testing Methods for Foodstuffs, Implements, Containers and Packaging, Toys, Detergents, JETRO January 2009 (based on the tentative English translation published by JETRO, January 2009)<br>Part III – Standards and Testing for Toys (cont'd) |
| Plasticized material in toys<br>(polyvinyl chloride, polyurethane and Rubber) | - Bis(2-ethylhexyl) phthalate<br>- Dibutyl Phthalate<br>- Butyl benzyl phthalate<br>- Di-isononyl phthalate<br>- Di-isodecyl phthalate<br>- Di-n-octyl phthalate | A-7 and A-8<br>*Test procedures for compliance testing:*<br>Japan Toy Safety Standard ST 2016 Fourth Edition (2022.10.4) Part 3 Cl. 2.10 |
| Parts which are made from polyethylene, not including coatings | - Potassium permanganate consumption<br>- Heavy metals<br>- Evaporation residue<br>- Arsenic | A-9 |
| Metal jewelry toys, those with probability for infants or preschool children to swallow it. | - Soluble Lead | A-10 |
| Manufacturing standards of toy | - Colouring agents | B-1 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司

1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Toys and Children's Products 玩具及兒童產品** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Electrical tests :- | |
| Battery operated toys | - Safety tests | AS/NZS ISO 8124.1: 2002 + Amd.1 + Amd.2 Annex A<br><br>ASTM F963-23<br>Section 4.25<br>< ***Excluding the following*** ><br>4.25.9<br><br>ASTM F963-17<br>Section 4.25<br>< ***Excluding the following*** ><br>4.25.10 |
| Electric toys supplied at extra-low voltage | - Compliance inspection and safety tests | SNI IEC 62115: 2011<br>< ***Excluding the following*** ><br>Cl. 11.1 (water resistance tests to IEC 60529),<br>16 (component tests to other standards),<br>19.2 (burning tests to IEC 60695-11-10 and ISO 9772), 20 (radiation tests); Annex C and E<br><br>IEC 62115: 2017<br>AS/NZS 62115: 2018 + A1: 2021<br>BS EN IEC 62115: 2020 + A11: 2020<br>EN IEC 62115: 2020 + A11: 2020<br>< ***Excluding the following*** ><br>for the above four standards<br>Cl. 7.5, 9 (test to Annex D),<br>11 (water resistance tests to IEC 60529),<br>13.8, 13.10, 18.2 (burning tests to IEC 60695-11-10 and ISO 9772), 19.3, 19.E.2.1 (radiation tests for LED with wavelength $\lambda$>1000 nm) 19.E.3,<br>Annex C, D, I and J |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Toys and Children's Products 玩具及兒童產品** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Electrical tests :-<br>電性能測試 :- | |
| Electric toys | - Compliance inspection and safety tests | GB 6675.1-2014<br>Cl. 5.4<br>and<br>GB 19865-2005 + Amendment 1<br>< ***Excluding the following*** ><br>Cl. 11.1 (water resistance tests to other standard),<br>19.2 (burning tests to other standards),<br>20 (radiation tests), Annexes C and E |
| 電玩具 | - 安全測試 | GB 6675.1-2014<br>Cl. 5.4<br>及<br>GB 19865-2005 + 第 1 號修改單<br>***<不包含>***<br>Cl. 11.1 (按其他標準的防水測試),<br>19.2 (按其他標準的燃燒測試),<br>20 (輻射測試), 附錄 C 及 E |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司

1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Toys and Children's Products 玩具及兒童產品** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Toys | Flammability tests :- | 16 CFR Parts 1610 and 1500.44<br><br>ASTM F963-23<br>Section 4.2<br><br>ASTM F963-17<br>Section 4.2<br><br>BS EN 71-2: 2011 +A1: 2014<br>EN 71-2: 2011 +A1: 2014<br>***<Excluding the following>***<br>for the above two standards<br>Tests for flammable gases, flammable gels, flammable liquids, highly flammable liquids<br><br>BS EN 71-2: 2020<br>EN 71-2: 2020<br>***<Excluding the following>***<br>for the above two standards<br>Tests for flammable gases, flammable gels, flammable liquids, highly flammable liquids, highly flammable solids<br><br>SNI ISO 8124-2: 2010<br>AS/NZS 8124.2: 2023<br>ISO 8124-2: 2023<br>***<Excluding the following>***<br>for the above three standards<br>Tests for flammable gases, flammable gels, flammable liquids, highly flammable liquids, highly flammable solids<br><br>AS/NZS 8124.2: 2016<br>ISO 8124-2: 2014<br>***<Excluding the following>***<br>for the above two standards<br>Tests for flammable gases, flammable gels, flammable liquids, highly flammable liquids |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Toys and Children's Products 玩具及兒童產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Toys | Flammability tests :- | Japan Toy Safety Standard ST 2016 Fourth Edition (October 4, 2022) Part 2 (based on English version provided by JTA in December 3 2019 and translation of revision notice in October 4, 2022)<br>< ***Excluding the following*** ><br>Tests for flammable gases, flammable gels, flammable liquids, highly flammable liquids<br><br>Japan Toy Safety Standard ST 2016 Second Edition (May 30, 2018) Part 2 (based on English version provided by JTA in June 2018)<br>< ***Excluding the following*** ><br>Tests for flammable gases, flammable gels, flammable liquids, highly flammable liquids |
| Toys<br><br>玩具 | Flammability tests :-<br>燃燒性能測試 :- | GB 6675.1-2014<br>Cl. 5.2.1<br>and<br>GB 6675.3-2014<br>**<*Excluding the following*>**<br>Tests for flammable gases, flammable gels, flammable liquids, highly flammable liquids, highly flammable solids<br><br>GB 6675.1-2014<br>Cl. 5.2.1<br>及<br>GB 6675.3-2014<br>**<*不包含*>**<br>易燃氣體、易燃凝膠體、易燃液體、高度易燃液體、高度易燃固體的測試 |
| Dolls, plush toys and soft toys | - Flammability of outer cover<br>- Flammability of yarn<br>- Flammability of hair or mane | Canada Toys Regulations (SOR/2011-17) (last amended on January 11 2019)<br>32<br>33<br>34 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Toys and Children's Products 玩具及兒童產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Microbiological tests :- | |
| Aqueous liquids | - Total *Coliform* counts | APHA 22e 9221B<br>(By MPN 5-tube Method) |
| | - Heterotrophic plate count<br>(35°C) | APHA 22e 9215B<br>(By Pour Plate Method) |
| Aqueous liquids and play dough | - Microbial enumeration test<br>- Total Aerobic Microbial Count<br>- Total Combined Yeasts and Molds Count | British Pharmacopoeia Volume V (2023)<br>App. XVI B, B2<br>European Pharmacopoeia 11.0 edition (2023)<br>Ch. 2.6.12<br>Japanese Pharmacopoeia Volume XVIII (2021), Ch. 4.05<br>United States Pharmacopeia – National Formulary<br>(USP–NF) 2023 (20 Dec 2023), General Chapter <61> |
| | - Test for specified microorganisms<br>- *Staphylococcus aureus*<br>- *Escherichia coli*<br>- *Pseudomonas aeruginosa*<br>- *Clostridia*<br>- *Candida albicans*<br>- Bile-Tolerant Gram-Negative Bacteria<br>- *Salmonella* | British Pharmacopoeia Volume V (2023)<br>App. XVI, B1<br>European Pharmacopoeia 11.0 edition (2019)<br>Ch. 2.6.13<br>Japanese Pharmacopoeia Volume XVIII (2021), Ch. 4.05<br>United States Pharmacopeia – National Formulary<br>(USP–NF) 2023 (20 Dec 2023), General Chapter <62> |
| | Cleanliness of materials | ASTM F963-17 Cl. 4.3.6.3 and 8.4.1<br>ASTM F963-23 Cl. 4.3.6.3 and 8.4.1 |
| Toy aqueous liquids and play dough | - Microbial enumeration test<br>- Total Aerobic Microbial Count<br>- Total Combined Yeasts and Molds Count | Test procedures for compliance testing:-<br>United States Pharmacopeia – National Formulary<br>(USP–NF) 2023 (20 Dec 2023), General Chapter <61> |
| | - Test for specified microorganisms<br>- *Staphylococcus aureus*<br>- *Escherichia coli*<br>- *Pseudomonas aeruginosa*<br>- *Clostridia*<br>- *Candida albicans*<br>- Bile-Tolerant Gram-Negative Bacteria<br>- *Salmonella* | United States Pharmacopeia – National Formulary<br>(USP–NF) 2023 (20 Dec 2023), General Chapter <62> |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Toys and Children's Products 玩具及兒童產品** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Toys | Physical and mechanical tests :-<br><br>- Safety requirements and test methods | AS/NZS ISO 8124-1: 2023<br>ISO 8124-1: 2022<br>< ***Excluding the following*** ><br>For the above two standards<br>Cl. 4.8.2, 4.15.2 (Wheeled ride-on toys), 4.18.4.1, 4.21, 4.22.3 and 4.26c)<br><br>ISO 8124-1: 2018 + A1: 2020 + A2: 2020<br>< ***Excluding the following*** ><br>Cl. 4.8.2, 4.15.2 (Wheeled ride-on toys), 4.18.4.1, 4.21, 4.22.3 and 4.26c)<br><br>AS/NZS ISO 8124.1: 2002 + Amd. 1:2007 + Amd. 2:2009<br>< ***Excluding the following*** ><br>Cl. 4.15.2 (Wheeled ride-on toys), 4.20, 4.21.3, 4.25c) and Annex F (toys with earphones or headphones)<br><br>AS/NZS ISO 8124-1: 2019 + A1: 2020 + A2: 2020<br>< ***Excluding the following*** ><br>Cl. 4.8.2, 4.15.2 (Wheeled ride-on toys), 4.18.4.1, 4.21, 4.22.3 and 4.26c)<br><br>SNI ISO 8124-1: 2010<br>< ***Excluding the following*** ><br>Cl. 4.15.2 (wheeled ride-on toys), 4.20, 4.21.3, 4.25c) and 4.29 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司

1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Toys and Children's Products 玩具及兒童產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Physical and mechanical tests :-<br>機械及物理性能測試 :- | |
| Toys | - Safety requirements and test methods | GB 6675.1-2014<br>Cl. 5.1.1 to 5.1.8, 5.1.9a), 5.1.10, 5.1.11, 5.7<br>and<br>GB 6675.2-2014 + Amendment 1<br>***<Excluding the following>***<br>Cl. 4.15.2(Wheeled ride-on toys), 4.20, 4.21.3 and 4.25 c) |
| 玩具 | - 安全規定及測試方法 | GB 6675.1-2014<br>Cl. 5.1.1 to 5.1.8, 5.1.9a), 5.1.10, 5.1.11, 5.7<br>及<br>GB 6675.2-2014 + 第 1號修改單<br>***<不包含>***<br>Cl. 4.15.2(有輪乘騎玩具), 4.20, 4.21.3 and 4.25 c) |
| Toys | - Safety requirements and test methods | Japan Toy Safety Standard ST 2016 Fourth Edition (October 4, 2022) Part 1 (based on English version provided by JTA in December 3, 2019 and translation of revision notice in October 4, 2022)<br>***< Excluding the following >***<br>Cl. 4.8.2, 4.15.2 (Wheeled ride-on toys), 4.15.4, 4.18.3.1, 4.22c) and 7<br><br>Japan Toy Safety Standard ST 2016 Second Edition (May 30, 2018) Part 1 (based on English version provided by JTA in June 2018)<br>***< Excluding the following >***<br>Cl. 4.8.2, 4.15.2 (Wheeled ride-on toys), 4.15.4, 4.18.3.1, 4.22c) and 7 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司

1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| Toys and Children's Products 玩具及兒童產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Physical and mechanical tests :- | |
| Toys | - Safety requirements and test methods | BS EN 71-1: 2014 + A1: 2018<br>EN 71-1: 2014 + A1: 2018<br>< ***Excluding the following*** ><br>for the above two standards<br>Cl. 4.11c), 4.11e), 4.15.1, 4.15.2, 4.15.5, 4.18 (test to EN 15649-3), 4.20.2.5 and 4.26 |
| Toys | General<br>Packaging<br>Mechanical hazards<br>Specific products | Canada Toys Regulations (SOR/2011-17)<br>(last amended on January 11 2019)<br>Section 3<br>Section 4<br>Section 7 to 18<br>Section 28 to 31, 37, 40 to 42<br>***<Excluding the following>***<br>29(c) |
| Kite strings | Identification of prohibited products | Canada Consumer Product Safety Act (S.C. 2010, c. 21) Schedule 2, item 9 (test to Cl. 4.13 of EN 71-1: 2011) |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Toys and Children's Products 玩具及兒童產品** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Physical and mechanical tests :- | |
| Toys | | ASTM F963-23 |
| | Safety requirements | Section 4.1, 4.3.7, 4.5 to 4.24, 4.26 to 4.28, 4.30 to 4.41<br>< ***Excluding the following*** ><br>Section 4.1 (examination of reprocessed materials), 4.6.2, 4.8.1, 4.15.6, 4.20.1 |
| | Labeling requirements | Section 5 |
| | Instructional literature | Section 6 |
| | Producer's markings | Section 7 |
| | Test methods | Section 8 |
| | | ASTM F963-17 |
| | Safety requirements | Section 4.1, 4.3.7, 4.5 to 4.24, 4.26 to 4.28, 4.30 to 4.41<br>< ***Excluding the following*** ><br>Section 4.1 (examination of reprocessed materials), 4.6.2, 4.8.1, 4.15.6, 4.20.1 |
| | Labeling requirements | Section 5 |
| | Instructional literature | Section 6 |
| | Producer's markings | Section 7 |
| | Test methods | Section 8 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司

1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
香港新界粉嶺樂業路 25 號安滙中心一樓

| **Toys and Children's Products 玩具及兒童產品** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Physical and mechanical tests :- | |
| Children's products containing button batteries or coin cell batteries | - Safety requirements and test methods | 16 CFR 1263<br>in conjunction with ANSI/UL 4200A-2023<br><br>ANSI/UL 4200A-2023 |
| Toys | Safety tests | Federal Hazardous Substances Act Regulations<br>16 CFR 1500.48<br>16 CFR 1500.49<br>16 CFR 1500.50<br>16 CFR 1500.51<br>16 CFR 1500.52<br>16 CFR 1500.53<br>16 CFR 1501<br>16 CFR 1510<br>16 CFR 1511 |
| Dive sticks | - Identification of banned toys | 16 CFR 1500.18(a)(19) in conjunction with test methods specified in 16 CFR 1500.86(a)(7) or 16 CFR 1500.86(a)(8) |
| Projectile toys | - Requirement for projectile toys | New South Wales Fair Trading Regulation 2007 Division 14 using relevant clauses of AS/NZS ISO 8124.1: 2002 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
OGC Laboratory, Lung Hong Street, Area 38, Tuen Mun, New Territories, Hong Kong
香港新界屯門38區龍康街石化部化驗室

| Miscellaneous 雜類 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Petroleum Products: - | |
| Jet A-1 fuel | - Appearance: | |
| | Visual inspection (free water and particulate contamination) | ASTM D4176-22 (Procedure 1) |
| | Colour | ASTM D156-23 |
| | Particulate contamination | ASTM D5452-23 |
| | - Composition: | |
| | Total acidity | ASTM D3242-23 |
| | Total aromatic hydrocarbons | ASTM D6379-21e1 |
| | Mercaptan sulphur | ASTM D3227-24 |
| | Total sulphur | ASTM D4294-21 |
| | - Volatility: | |
| | Distillation | ASTM D86-23ae1 (Automated Method) |
| | - Initial boiling point | |
| | - Fuel recovered | |
| | - 10% vol | |
| | - 50% vol | |
| | - 90% vol | |
| | - End point | |
| | - Residue | |
| | - Loss | |
| | - Flash point (Abel closed cup method) | IP 170/23 (Manual Method) |
| | - Flash point (Tag closed cup method) | ASTM D56-22 (Automated Method) |
| | - Density | ASTM D4052-22 |
| | - Fluidity: | |
| | Freezing point | ASTM D2386-19<br>ASTM D7153-22ae1 |
| | Viscosity at -20°C | ASTM D445-24 |
| | - Combustion: | |
| | Net heat of combustion | ASTM D3338-20a (by calculation) |
| | Smoke point | ASTM D1322-24 (Manual Procedures) |
| | Naphthalenes | ASTM D1840-24 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司

OGC Laboratory, Lung Hong Street, Area 38, Tuen Mun, New Territories, Hong Kong
香港新界屯門 38 區龍康街石化部化驗室

| **Miscellaneous 雜類** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Petroleum Products: - (cont'd) | |
| Jet A-1 fuel | - Corrosion:<br>Corrosion, copper strip, classification max (2 hours at 100°C) | ASTM D130-19 |
| | - Stability:<br>Thermal oxidation stability (JFTOT) | ASTM D3241-24<br>***<excluding the following>***<br>Cl. 8, Annex A3 and A4 |
| | - Contaminations:<br>Existing gum contents<br>Water separation characteristics | IP 540/08 (Reapproved 2019) by Air<br>ASTM D3948-22<br>ASTM D7224-23 |
| | - Incidential materials<br>Fatty Acid Methyl Esters (FAME) | ASTM D7797-23 |
| | - Conductivity:<br>Electrical conductivity | ASTM D 2624-22 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司

Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心A座地下2及3號室

| **Testing Required by the China Compulsory Certification System (CCC) 中國強制性產品認證制度規定的檢測** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Household and similar use appliances<br>家用和類似用途設備 | | |
| - Appliance for skin or hair care *(0709)*<br>***<Excluding the following>***<br>- Appliance having a degree of protection IP5X, IP6X, IPX3, IPX4, IPX5 or IPX6<br>- Appliance that is inserted into a socket outlet<br>- Appliance having a device with an 'off position' obtained by electronic disconnection<br>- Appliance having a device that can be placed in the standby-mode<br>- Appliance incorporating a protective electronic circuit<br>- Appliance having an accessible part which is separated from live parts by a protective impedance<br>- Appliance using rubber parts as supplementary insulation<br>- Appliance using protective coatings on printed circuit boards | All required tests as specified in CNCA-C07-01: 2024<br><br>- Safety tests<br><br>- EMC tests | <br><br>GB 4706.1-2005<br>GB 4706.15-2008<br><br>GB 4343.1-2018<br>GB 17625.1-2022 |
| - 皮膚及毛髮護理器具 *(0709)*<br>***<不包括>***<br>- 外殼防護等級 IP5X、IP6X、IPX3、IPX4、IPX5 或 IPX6 的器具<br>- 插入輸出插座的器具<br>- 帶有通過電子斷開獲得斷開位置的開關的器具<br>- 帶有處於待機狀態開關的器具<br>- 裝有保護電子電路的器具<br>- 帶有通過保護阻抗與帶電部件隔開易觸及部件的器具<br>- 使用橡膠部件作為附加絕緣的器具<br>- 在印刷電路板使用保護塗層的器具 | CNCA-C07-01: 2024<br>有關規定的所有檢測<br><br>- 安全檢測項目<br><br>- 電磁兼容檢測項目 | <br><br>GB 4706.1-2005<br>GB 4706.15-2008<br><br>GB 4343.1-2018<br>GB 17625.1-2022 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心A座地下2及3號室

| Testing Required by the China Compulsory Certification System (CCC) 中國強制性產品認證制度規定的檢測 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Household and similar use appliances<br>家用和類似用途設備 | | |
| - Electrical appliance for heating liquid *(0717)*<br>***<Excluding the following>***<br>- Pressure cooker<br>- Espresso coffee-maker<br>- Appliance having a degree of protection IP5X, IP6X, IPX3, IPX4, IPX5 or IPX6<br>- Appliance that is inserted into a socket outlet<br>- Appliance having a device with an 'off position' obtained by electronic disconnection<br>- Appliance having a device that can be placed in the standby-mode<br>- Appliance incorporating a protective electronic circuit<br>- Appliance having an accessible part which is separated from live parts by a protective impedance<br>- Appliance using rubber parts as supplementary insulation<br>- Appliance using protective coatings on printed circuit boards | All required tests as specified in CNCA-C07-01: 2024<br><br>- Safety tests | <br><br>GB 4706.1-2005<br>GB 4706.19-2008 |
| - 液體加熱器 *(0717)*<br>***<不包括>***<br>- 壓力鍋<br>- 蒸汽壓力咖啡壺<br>- 外殼防護等級 IP5X、IP6X、IPX3、IPX4、IPX5 或 IPX6 的器具<br>- 插入輸出插座的器具<br>- 帶有通過電子斷開獲得斷開位置的開關的器具<br>- 帶有處於待機狀態開關的器具<br>- 裝有保護電子電路的器具<br>- 帶有通過保護阻抗與帶電部件隔開易觸及部件的器具<br>- 使用橡膠部件作為附加絕緣的器具<br>- 在印刷電路板使用保護塗層的器具 | CNCA-C07-01: 2024<br>有關規定的所有檢測<br><br>- 安全檢測項目 | <br><br>GB 4706.1-2005<br>GB 4706.19-2008 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心A座地下2及3號室

| Testing Required by the China Compulsory Certification System (CCC) 中國強制性產品認證制度規定的檢測 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Household and similar use appliances<br>家用和類似用途設備 | | |
| - Electric fan *(0702)*<br>***<Excluding the following>***<br>- Duct fan<br>- Fan intended to be used in tropical climates<br>- Appliance that is inserted into a socket outlet<br>- Appliance having a device with an 'off position' obtained by electronic disconnection<br>- Appliance having a device that can be placed in the standby-mode<br>- Appliance incorporating a protective electronic circuit<br>- Appliance having an accessible part which is separated from live parts by a protective impedance<br>- Appliance using rubber parts as supplementary insulation<br>- Appliance using protective coatings on printed circuit boards | All required tests as specified in CNCA-C07-01: 2024<br><br>- Safety tests<br><br>- EMC tests | GB 4706.1-2005<br>GB 4706.27-2008<br><br>GB 4343.1-2018<br>GB 17625.1-2022 |
| - 電風扇（*0702*）<br>***<不包括>***<br>- 管道扇<br>- 在熱帶氣候下使用的風扇<br>- 插入輸出插座的器具<br>- 帶有通過電子斷開獲得斷開位置的開關的器具<br>- 帶有處於待機狀態開關的器具<br>- 裝有保護電子電路的器具<br>- 帶有通過保護阻抗與帶電部件隔開易觸及部件的器具<br>- 使用橡膠部件作為附加絕緣的器具<br>- 在印刷電路板使用保護塗層的器具 | CNCA-C07-01: 2024<br>有關規定的所有檢測<br><br>- 安全檢測項目<br><br>- 電磁兼容檢測項目 | GB 4706.1-2005<br>GB 4706.27-2008<br><br>GB 4343.1-2018<br>GB 17625.1-2022 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心A座地下2及3號室

| Testing Required by the China Compulsory Certification System (CCC) 中國強制性產品認證制度規定的檢測 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Household and similar use appliances<br>家用和類似用途設備 | | |
| - Electrical food processor *(0713)*<br>***<Excluding the following>***<br>- Appliance having a degree of protection IP5X, IP6X, IPX3, IPX4, IPX5 or IPX6<br>- Appliance that is inserted into a socket outlet<br>- Appliance having a device with an 'off position' obtained by electronic disconnection<br>- Appliance having a device that can be placed in the standby-mode<br>- Appliance incorporating a protective electronic circuit<br>- Appliance having an accessible part which is separated from live parts by a protective impedance<br>- Appliance using rubber parts as supplementary insulation<br>- Appliance using protective coatings on printed circuit boards | All required tests as specified in CNCA-C07-01: 2024<br><br>- Safety tests | GB 4706.1-2005<br>GB 4706.30-2008 |
| -電動食品加工器具 *(0713)*<br>***<不包括>***<br>- 外殼防護等級 IP5X、IP6X、IPX3、IPX4、IPX5 或 IPX6 的器具<br>- 插入輸出插座的器具<br>- 帶有通過電子斷開獲得斷開位置的開關的器具<br>- 帶有處於待機狀態開關的器具<br>- 裝有保護電子電路的器具<br>- 帶有通過保護阻抗與帶電部件隔開易觸及部件的器具<br>- 使用橡膠部件作為附加絕緣的器具<br>- 在印刷電路板使用保護塗層的器具 | CNCA-C07-01: 2024<br>有關規定的所有檢測<br><br>- 安全檢測項目 | GB 4706.1-2005<br>GB 4706.30-2008 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心A座地下2及3號室

| Testing Required by the China Compulsory Certification System (CCC) 中國強制性產品認證制度規定的檢測 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Household and similar use appliances<br>家用和類似用途設備 | | |
| - Oven (grill, toaster and similar portable cooking appliance) *(0712)*<br>***<Excluding the following>***<br>- Appliance having a degree of protection IP5X, IP6X, IPX3, IPX4, IPX5 or IPX6<br>- Appliance intended for outdoor use<br>- Appliance having a device with an 'off position' obtained by electronic disconnection<br>- Appliance having a device that can be placed in the standby-mode<br>- Appliance incorporating a protective electronic circuit<br>- Appliance having an accessible part which is separated from live parts by a protective impedance<br>- Appliance using rubber parts as supplementary insulation<br>- Appliance using protective coatings on printed circuit boards | All required tests as specified in CNCA-C07-01: 2024<br><br>- Safety tests | GB 4706.1-2005<br>GB 4706.14-2008 |
| - 電烤箱（便攜式烤架、面包片烘烤器及類似烹調器具）*(0712)*<br>***<不包括>***<br>- 外殼防護等級 IP5X、IP6X、IPX3、IPX4、IPX5 或 IPX6 的器具<br>- 在室外適用的器具<br>- 帶有通過電子斷開獲得斷開位置的開關的器具<br>- 帶有處於待機狀態開關的器具<br>- 裝有保護電子電路的器具<br>- 帶有通過保護阻抗與帶電部件隔開易觸及部件的器具<br>- 使用橡膠部件作為附加絕緣的器具<br>- 在印刷電路板使用保護塗層的器具 | CNCA-C07-01: 2024<br>有關規定的所有檢測<br><br>- 安全檢測項目 | GB 4706.1-2005<br>GB 4706.14-2008 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心A座地下2及3號室

| Testing Required by the China Compulsory Certification System (CCC) 中國強制性產品認證制度規定的檢測 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Household and similar use appliances<br>家用和類似用途設備 | | |
| - Rice cooker *(0718)*<br>***<Excluding the following>***<br>- Appliance having a degree of protection IP5X, IP6X, IPX3, IPX4, IPX5 or IPX6<br>- Appliance having a device with an 'off position' obtained by electronic disconnection<br>- Appliance having a device that can be placed in the standby-mode<br>- Appliance incorporating a protective electronic circuit<br>- Appliance having an accessible part which is separated from live parts by a protective impedance<br>- Appliance using rubber parts as supplementary insulation<br>- Appliance using protective coatings on printed circuit boards | All required tests as specified in CNCA-C07-01: 2024<br><br>- Safety tests<br><br>- EMC tests | <br><br>GB 4706.1-2005<br>GB 4706.19-2008<br><br>GB 4343.1-2018<br>GB 17625.1-2022 |
| - 電飯鍋 *(0718)*<br>***<不包括>***<br>- 外殼防護等級 IP5X、IP6X、IPX3、IPX4、IPX5 或 IPX6 的器具<br>- 帶有通過電子斷開獲得斷開位置的開關的器具<br>- 帶有處於待機狀態開關的器具<br>- 裝有保護電子電路的器具<br>- 帶有通過保護阻抗與帶電部件隔開易觸及部件的器具<br>- 使用橡膠部件作為附加絕緣的器具<br>- 在印刷電路板使用保護塗層的器具 | CNCA-C07-01: 2024<br>有關規定的所有檢測<br><br>- 安全檢測項目<br><br>- 電磁兼容檢測項目 | <br><br>GB 4706.1-2005<br>GB 4706.19-2008<br><br>GB 4343.1-2018<br>GB 17625.1-2022 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心 A 座地下 2 及 3 號室

| Electrical and Electronic Products 電氣及電子產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | EMC tests:-<br><br>Emission tests | |
| Unintentional radiator | - Measurement of radiated emission<br>9 kHz to 40 GHz<br>- Measurement of conducted emission<br>150 kHz to 30 MHz | 47 CFR Part 15 Subpart A and Subpart B<br>using test-methods specified in ANSI C63.4-2014 |
| Intentional radiator | - Measurement of radiated emission<br>9 kHz to 40 GHz<br>- Measurement of conducted emission<br>150 kHz to 30 MHz | 47 CFR Part 15 Subpart A and Subpart C<br>using test-methods specified in ANSI C63.10-2013 |
| Unlicensed national information infrastructure device without dynamic frequency selection | - Measurement of radiated emission<br>9 kHz to 40 GHz<br>- Measurement of conducted emission<br>150 kHz to 30 MHz | 47 CFR Part 15 Subpart A and Subpart E<br>using test-methods specified in ANSI C63.10-2013 |
| Unlicensed national information infrastructure device with dynamic frequency selection | - Measurement of radiated emission<br>- 9 kHz to 40 GHz<br>- Measurement of conducted emission<br>- 150 kHz to 30 MHz | 47 CFR Part 15 Subpart A and E<br>using test methods specified in<br>FCC KDB Publication 905462 D02<br>UNII DFS Compliance Procedures New Rules v02 |
| Consumer ISM equipment | - Measurement of radiated emission<br>9 kHz to 40 GHz<br>- Measurement of conducted emission<br>150 kHz to 30 MHz | 47 CFR Part 18<br>using test-methods specified in FCC/OET MP-5: 1986 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心 A 座地下 2 及 3 號室

| Electrical and Electronic Products 電氣及電子產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | EMC tests:-<br><br>Emission tests | |
| Licence-exempt radio apparatus: category I equipment | - Measurement of radiated emission 9 kHz to 40 GHz<br>- Measurement of conducted emission 150 kHz to 30 MHz<br>- Measurement of conducted emission at antenna terminal 9 kHz to 40 GHz | RSS-210 Issue 10, December 2019 + Amendment (April 2020) in conjunction with RSS-Gen Issue 5, April 2018 + Amendment 1 (March 2019) + Amendment 2 (February 2021) using test methods specified in ANSI C63.10: 2013 |
| Digital transmission system, frequency hopping system and licence-exempt local area network device with dynamic frequency selection | - Measurement of radiated emission 9 kHz to 40 GHz<br>- Measurement of conducted emission 150 kHz to 30 MHz<br>- Measurement of conducted emission at antenna terminal 9 kHz to 40 GHz | RSS-247 Issue 3, August 2023 in conjunction with RSS-Gen Issue 5, April 2018 + Amendment 1 (March 2019) + Amendment 2 (February 2021) using test methods specified in ANSI C63.10: 2013 |
| Radio Local Area Network (RLAN) devices operating in the 5925-7125 MHz band | - Measurement of radiated emission 9 kHz to 40 GHz<br>- Measurement of conducted emission 150 kHz to 30 MHz<br>- Measurement of conducted emission at antenna terminal 9 kHz to 40 GHz | RSS-248 Issue 2, December 2022 in conjunction with RSS-Gen Issue 5, April 2018 + Amendment 1 (March 2019) + Amendment 2 (February 2021) using test methods specified in ANSI C63.10: 2013 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心 A 座地下 2 及 3 號室

| Electrical and Electronic Products 電氣及電子產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | EMC tests:-<br>電磁兼容測試<br><br>Emission tests<br>發射測試 | |
| Audio, video and similar electronic apparatus<br>- Active single or multiple speaker system with output power not exceeding 500 W<br>- Audio power amplifier<br>- Power adapter for audio and video apparatus | - Measurement of terminal disturbance voltages<br>- 150 kHz to 30 MHz<br>- Measurement of disturbance power<br>- 30 MHz to 300 MHz<br>- Measurement of radiated disturbances<br>- 30 MHz to 1 GHz | GB 13837-2012 |
| 音頻、視頻及類似電子設備<br>- 總輸出功率在 500 W（有效值）以下的單揚聲器和多揚聲器有源音箱<br>- 音頻功率放大器<br>- 音視頻設備配套的電源適配器 | - 端子騷擾電壓測量<br>- 150 kHz 至 30 MHz<br>- 騷擾功率測量<br>- 30 MHz 至 300 MHz<br>- 輻射騷擾測量<br>- 30 MHz 至 1 GHz | GB 13837-2012 |
| Household appliance<br>- Appliance for skin or hair care<br>- Electric fan<br>- Vacuum cleaner<br>- Rice cooker | - Measurement of terminal disturbance voltages<br>- 9 kHz to 30 MHz<br>- Measurement of disturbance power<br>- 30 MHz to 300 MHz<br>- Measurement of radiated disturbances<br>- 30 MHz to 1 GHz | GB 4343.1-2018 |
| 家用電器<br>- 皮膚及毛髮護理器具<br>- 電風扇<br>- 真空吸塵器<br>- 電飯鍋 | - 端子騷擾電壓測量<br>- 9 kHz 至 30 MHz<br>- 騷擾功率測量<br>- 30 MHz 至 300 MHz<br>- 輻射騷擾測量<br>- 30 MHz 至 1 GHz | GB 4343.1-2018 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心 A 座地下 2 及 3 號室

| **Electrical and Electronic Products 電氣及電子產品** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | EMC tests:-<br>電磁兼容測試<br><br>Emission tests<br>發射測試 | |
| Electrical and electronic equipment<br>***< Excluding the following >***<br>- three phase equipment<br>- arc welding equipment<br>- air conditioner<br>- washing machine<br>- professional equipment | - Harmonic current measurement | GB 17625.1-2022<br>***< Excluding the following >***<br>Cl. 4 (professional equipment), C.8, C.12, C.14 |
| 電氣和電子設備<br>***<不包括>***<br>- 三相設備<br>- 電弧焊設備<br>- 空調器<br>- 洗衣機<br>- 專用設備 | - 諧波電流測量 | GB 17625.1-2022<br>***<不包括>***<br>Cl. 4 (專用設備), C.8, C.12, C.14 |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心 A 座地下 2 及 3 號室

| **Electrical and Electronic Products 電氣及電子產品** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | EMC tests:-<br><br>Emission tests | |
| Household appliances, electric tools and similar apparatus, single phase | - Measurement of terminal disturbance voltage<br>- 9 kHz to 30 MHz<br>- Measurement of disturbance power<br>- 30 MHz to 300 MHz | AS CISPR 14.1: 2018<br>CISPR 14-1: 2020<br>EN IEC 55014-1: 2021<br>***<Excluding the following>***<br>for the above three standards<br>Cl. A.1.9, A.1.10, A.1.11, A.1.12, A.1.13, A.1.20 |
| Industrial, scientific and medical radio-frequency equipment | - Measurement of terminal disturbance voltages<br>- 9 kHz to 30 MHz<br>- Measurement of radiated disturbances<br>- 9 kHz to 18 GHz | CISPR 11: 2015 + A1: 2016 + A2: 2019<br>***< Excluding the following >***<br>Cl. 7.6.2.1 |
| Sound and television broadcast receivers and associated equipment<br>- sound broadcast receiver<br>- audio/video player with a signal source from storage media connector, docking connector or aux input<br>- audio tape player/recorder<br>- record player<br>- laser disc player<br>- audio amplifier<br>- combination of the above equipment | - Measurement of terminal disturbance voltage<br>150 kHz to 30 MHz<br>- Measurement of disturbance power<br>30 MHz to 300 MHz<br>- Measurement of radiated disturbances<br>30 MHz to 1000 MHz<br>- Measurement of disturbance voltage at antenna terminals<br>30 MHz to 2150 GHz | AS/NZS CISPR 13: 2012<br>CISPR 13: 2009<br>EN 55013: 2013<br>***<Excluding the following>***<br>for the above three standards<br>Cl. 5.5, 5.8 and 5.9, Annex A |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心 A 座地下 2 及 3 號室

| **Electrical and Electronic Products 電氣及電子產品** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Safety tests :- | |
| Audio, video and similar electronic apparatus | Compliance inspection and safety tests | EN 60065: 2014<br>< ***Excluding the following*** ><br>Cl. 6, 7.2, 8.21, 9.1.1.2d),<br>10.4 (dielectric strength test higher than 5 kV peak),<br>12.1.2, 12.1.3, 16.3, 18, 19.6.2, Z1,<br>Annex H, K and L<br><br>IEC 60065: 2014<br>< ***Excluding the following*** ><br>Cl. 6, 7.2, 8.21, 9.1.1.2d),<br>10.4 (dielectric strength test higher than 5 kV peak),<br>12.1.2, 12.1.3, 16.3, 18, 19.6.2,<br>Annex H, K and L |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心 A 座地下 2 及 3 號室

| **Electrical and Electronic Products 電氣及電子產品** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Safety tests :- | |
| Household electrical appliances with rated voltage up to 250 V | | |
| - General requirements | - Compliance inspection and safety tests | BS EN 60335-1: 2012 + A11: 2014<br>EN 60335-1: 2012 + A11: 2014<br>< ***Excluding the following*** ><br>for the above two standards<br>Cl. 8.1.4 (discharge energy measurement),<br>15.1 (tests for IPX3 to IPX6), 19.11.4,<br>22.1 (tests for IP5X and IP6X),<br>22.32 (oxygen bomb test), 22.46, 25.25,<br>30.2.3 (burning tests to IEC 60695-11-10),<br>32 (measurement of EMF according to EN 50366 or EN 62233);<br>Annex J and R<br><br>IEC 60335-1: 2010 + A1: 2013 + A2: 2016<br>< ***Excluding the following*** ><br>Cl. 8.1.4 (discharge energy measurement),<br>15.1 (tests for IPX3 to IPX6), 19.11.4,<br>22.1 (tests for IP5X and IP6X),<br>22.32 (oxygen bomb test), 22.46, 22.57, 25.25,<br>30.2.3 (burning tests to IEC 60695-11-10);<br>Annex J, R and T<br><br>(Note: The above Part 1 standard should be used in conjunction with specific product standard as detailed in the relevant Part 2 of BS EN 60335, EN 60335 or IEC 60335) |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心 A 座地下 2 及 3 號室

| Electrical and Electronic Products 電氣及電子產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Household electrical appliances with rated voltage up to 250 V<br>額定電壓不高於 250 V 的家用電器 | Safety tests :-<br>安全測試 | |
| - General requirements | - Compliance inspection and safety test | GB 4706.1-2005<br>***<Excluding the following>***<br>Cl. 8.1.4 (discharge energy measurement), 15.1 (tests for IPX3 to IPX6), 19.11.4, 22.1 (tests for IP5X and IP6X), 22.32 (oxygen bomb test), 22.46, 25.25, 30.2.3 (burning tests to GB/T 5169.16), Annex J and R<br><br>(Note: The above standard should be used in conjunction with the product test standards as detailed in relevant Part 2 of GB 4706) |
| - 通用要求 | - 安全測試 | GB 4706.1-2005<br>***<不包括>***<br>Cl .8.1.4 (放電量測量), 15.1 (IPX3 至 IPX6 測試), 19.11.4, 22.1 (IP5X 及 IP6X 測試), 22.32 (氧氣罐測試), 22.46, 25.25, 30.2.3 (按 GB/T 5169.16 的燃燒測試), 附錄 J 及 R<br><br>(備注：上述標準應配合相關的 GB 4706 第 2 部分詳細要求使用) |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心 A 座地下 2 及 3 號室

| Electrical and Electronic Products 電氣及電子產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Safety tests :- | |
| Household electrical appliances with rated voltage up to 250 V | | |
| - Appliance for heating liquid | - Compliance inspection and safety tests | BS EN 60335-2-15: 2002 + A11: 2012<br>EN 60335-2-15: 2002 + A11: 2012<br>< ***Excluding the following*** ><br>for the above two standards<br>Cl. 8.1.4 (discharge energy measurement),<br>15.1 (tests for IPX3 to IPX6), 19.11.4,<br>19.13 (tests for pressure cooker),<br>22.1 (tests for IP5X and IP6X),<br>22.7 (tests for pressure cooker and espresso coffee maker), 22.32 (oxygen bomb test), 22.46,<br>22.106, 22.107, 22.108, 22.109, 22.111, 25.25,<br>30.2.3 (burning tests to IEC 60695-11-10),<br>32 (measurement of EMF according to EN 50366 or EN 62233);<br>Annex J and R<br><br>IEC 60335-2-15: 2012 + A1: 2016 + A2: 2018<br>< ***Excluding the following*** ><br>Cl. 8.1.4 (discharge energy measurement),<br>15.1 (tests for IPX3 to IPX6), 19.11.4,<br>19.13 (tests for pressure cooker),<br>22.1 (tests for IP5X and IP6X),<br>22.7 (tests for pressure cooker and espresso coffee maker), 22.32 (oxygen bomb test), 22.46, 22.57<br>22.106, 22.107, 22.108, 22.109, 22.111, 25.25,<br>30.2.3 (burning tests to IEC 60695-11-10),<br>Annex J, R and T |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心 A 座地下 2 及 3 號室

| **Electrical and Electronic Products 電氣及電子產品** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Safety tests :- | |
| Household electrical appliances with rated voltage up to 250 V | | |
| - Appliance for skin or hair care | - Compliance inspection and safety tests | BS EN 60335-2-23: 2003 +A2: 2015<br>EN 60335-2-23: 2003 + A2: 2015<br>< ***Excluding the following*** ><br>for the above two standards<br>Cl. 8.1.4 (discharge energy measurement),<br>15.1 (tests for IPX3 to IPX6), 19.11.4,<br>22.1 (tests for IP5X and IP6X),<br>22.32 (oxygen bomb test), 22.46, 25.25,<br>30.2.3 (burning tests to IEC 60695-11-10),<br>32 (measurement of EMF according to EN 50366 or EN 62233);<br>Annex J and R<br><br>IEC 60335-2-23: 2016 + A1: 2019<br>< ***Excluding the following*** ><br>Cl. 8.1.4 (discharge energy measurement),<br>15.1 (tests for IPX3 to IPX6), 19.11.4,<br>22.1 (tests for IP5X and IP6X),<br>22.32 (oxygen bomb test), 22.46, 22.57, 25.25,<br>30.2.3 (burning tests to IEC 60695-11-10);<br>Annex J, R and T |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心 A 座地下 2 及 3 號室

| Electrical and Electronic Products 電氣及電子產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Household electrical appliances with rated voltage up to 250 V<br>額定電壓不高於 250 V 的家用電器 | Safety tests :-<br>安全測試 | |
| - Appliance for skin or hair care | - Compliance inspection and safety tests | GB 4706.15-2008<br>***<Excluding the following>***<br>Cl. 8.1.4 (discharge energy measurement),<br>15.1 (tests for IPX3 to IPX6), 19.11.4,<br>22.1 (tests for IP5X and IP6X),<br>22.32 (oxygen bomb test), 22.46, 25.25,<br>30.2.3 (burning tests to GB/T 5169.16),<br>Annex J and R |
| 皮膚及毛髮護理器具 | - 安全測試 | GB 4706.15-2008<br>***<不包括>***<br>Cl. 8.1.4 (放電量測量),<br>15.1 (IPX3 至 IPX6 測試), 19.11.4<br>22.1 (IP5X 及 IP6X 測試),<br>22.32 (氧氣罐測試), 22.46, 25.25,<br>30.2.3 (按 GB/T 5169.16 的燃燒測試),<br>附錄 J 及 R |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心 A 座地下 2 及 3 號室

| Electrical and Electronic Products 電氣及電子產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Safety tests :- | |
| Household electrical appliances with rated voltage up to 250 V | | |
| - Battery charger | - Compliance inspection and safety tests | BS EN 60335-2-29: 2004 + A2: 2010<br>EN 60335-2-29: 2004 + A2: 2010<br>< ***Excluding the following*** ><br>for the above two standards<br>Cl. 8.1.4 (discharge energy measurement),<br>15.1 (tests for IPX3 to IPX6), 19.11.4,<br>22.1 (tests for IP5X and IP6X),<br>22.32 (oxygen bomb test), 22.46, 25.25,<br>30.2.3 (burning tests to IEC 60695-11-10),<br>32 (measurement of EMF according to EN 50366 or EN 62233);<br>Annex J and R<br><br>IEC 60335-2-29: 2016<br>< ***Excluding the following*** ><br>Cl. 8.1.4 (discharge energy measurement),<br>15.1 (tests for IPX3 to IPX6), 19.11.4,<br>22.1 (tests for IP5X and IP6X),<br>22.32 (oxygen bomb test), 22.46, 22.57, 25.25,<br>30.2.3 (burning tests to IEC 60695-11-10);<br>Annex J, R and T |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心 A 座地下 2 及 3 號室

| Electrical and Electronic Products 電氣及電子產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Safety tests :- | |
| Household electrical appliances with rated voltage up to 250 V | | |
| - Deep fat fryer, frying pan and similar appliance | - Compliance inspection and safety tests | BS EN 60335-2-13: 2010 + A11: 2012<br>EN 60335-2-13: 2010 + A11: 2012<br>< ***Excluding the following*** ><br>for the above two standards<br>Cl. 8.1.4 (discharge energy measurement),<br>15.1 (tests for IPX3 to IPX6), 19.11.4,<br>22.1 (tests for IP5X and IP6X),<br>22.32 (oxygen bomb test), 22.46, 25.25,<br>30.2.3 (burning tests to IEC 60695-11-10),<br>32 (measurement of EMF according to EN 50366 or EN 62233);<br>Annex J and R<br><br>IEC 60335-2-13: 2009 + A1: 2016<br>< ***Excluding the following*** ><br>Cl. 8.1.4 (discharge energy measurement),<br>15.1 (tests for IPX3 to IPX6), 19.11.4,<br>22.1 (tests for IP5X and IP6X),<br>22.32 (oxygen bomb test), 22.46, 22.57, 25.25,<br>30.2.3 (burning tests to IEC 60695-11-10);<br>Annex J, R and T |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心 A 座地下 2 及 3 號室

| Electrical and Electronic Products 電氣及電子產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Safety tests :- | |
| Household electrical appliances with rated voltage up to 250 V | | |
| - Electric fan | - Compliance inspection and safety tests | BS EN 60335-2-80: 2003 + A2: 2009<br>EN 60335-2-80: 2003 + A2: 2009<br>< ***Excluding the following*** ><br>for the above two standards<br>Cl. 3.1.9 (tests for a duct fan),<br>5.7 (tests for a fan to be used in tropical climates),<br>8.1.4 (discharge energy measurement),<br>15.1 (tests for IPX3 to IPX6), 19.11.4, 19.101,<br>20.101 (test for hardness of fan blades),<br>22.1 (tests for IP5X and IP6X),<br>22.32 (oxygen bomb test), 22.46, 25.25,<br>30.2.3 (burning tests to IEC 60695-11-10),<br>32 (measurement of EMF according to EN 50366 or EN 62233);<br>Annex J and R<br><br>IEC 60335-2-80: 2002 + A1: 2004 + A2: 2008<br>< ***Excluding the following*** ><br>Cl. 3.1.9 (tests for a duct fan),<br>5.7 (tests for a fan to be used in tropical climates),<br>8.1.4 (discharge energy measurement),<br>15.1 (tests for IPX3 to IPX6), 19.11.4, 19.101,<br>20.101 (test for hardness of a fan blade),<br>22.1 (tests for IP5X and IP6X),<br>22.32 (oxygen bomb test), 22.46, 22.57, 25.25,<br>30.2.3 (burning tests to IEC 60695-11-10);<br>Annex J, R and T |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心 A 座地下 2 及 3 號室

| **Electrical and Electronic Products 電氣及電子產品** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Household electrical appliances with rated voltage up to 250 V<br>額定電壓不高於 250 V 的家用電器 | Safety tests :-<br>安全測試 | |
| - Electric fan | - Compliance inspection and safety test | GB 4706.27-2008<br>***<Excluding the following>***<br>Cl. 3.1.9 (tests for a duct fan),<br>5.7 (tests for a fan to be used in tropical climates),<br>8.1.4 (discharge energy measurement),<br>15.1 (tests for IPX3 to IPX), 19.11.4, 19.101,<br>20.101 (test for hardness of a fan blade),<br>22.1 (tests for IP5X and IP6X),<br>22.32 (oxygen bomb test), 22.46, 25.25,<br>30.2.3 (burning tests to GB/T 5169.16),<br>Annex J and R |
| - 電風扇 | - 安全測試 | GB 4706.27-2008<br>***<不包括>***<br>Cl. 3.1.9 (管道風扇的測試),<br>5.7 (熱帶氣候風扇的測試),<br>8.1.4 (放電量測量),<br>15.1 (IPX3 至 IPX6 測試), 19.11.4, 19.101,<br>22.1 (IP5X 及 IP6X 測試),<br>22.101 (扇葉硬度測試),<br>22.32 (氧氣罐測試), 22.46, 25.25,<br>30.2.3 (按 GB/T 5169.16 的燃燒測試);<br>附錄 J 及 R |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心 A 座地下 2 及 3 號室

| **Electrical and Electronic Products 電氣及電子產品** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Safety tests :- | |
| Household electrical appliances with rated voltage up to 250 V | | |
| - Grills, toasters and similar portable cooking appliances | - Compliance inspection and safety tests | BS EN 60335-2-9: 2003 + A13: 2010<br>EN 60335-2-9: 2003 + A13: 2010<br>< ***Excluding the following*** ><br>for the above two standards<br>Cl. 8.1.4 (discharge energy measurement),<br>15.1 (tests for IPX3 to IPX6), 19.11.4,<br>22.1 (tests for IP5X and IP6X),<br>22.32 (oxygen bomb test), 22.46, 25.25,<br>30.2.3 (burning tests to IEC 60695-11-10),<br>31 (salt mist test to IEC 60068-2-52),<br>32 (measurement of EMF according to EN 50366 or EN 62233);<br>Annex J and R<br><br>IEC 60335-2-9: 2008 + A1: 2012 + A2: 2016<br>< ***Excluding the following*** ><br>Cl. 8.1.4 (discharge energy measurement),<br>15.1 (tests for IPX3 to IPX6), 19.11.4,<br>22.1 (tests for IP5X and IP6X),<br>22.32 (oxygen bomb test), 22.46, 22.57, 25.25,<br>30.2.3 (burning tests to IEC 60695-11-10),<br>31 (salt mist test to IEC 60068-2-52);<br>Annex J, R and T |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心 A 座地下 2 及 3 號室

| Electrical and Electronic Products 電氣及電子產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Household electrical appliances with rated voltage up to 250 V<br>額定電壓不高於 250 V 的家用電器 | Safety tests :-<br>安全測試 | |
| - Oven | - Compliance inspection and safety test | GB 4706.14-2008<br>***<Excluding the following>***<br>Cl. 8.1.4 (discharge energy measurement),<br>15.1 (tests for IPX3 to IPX6), 19.11.4,<br>22.1 (tests for IP5X and IP6X),<br>22.32 (oxygen bomb test), 22.46, 25.25,<br>30.2.3 (burning tests to GB/T 5169.16),<br>31 (salt mist test to GB/T 2423.18),<br>Annex J and R |
| - 廚房器具 | - 安全測試 | GB 4706.14-2008<br>***<不包括>***<br>Cl. 8.1.4 (放電量測量),<br>15.1 (IPX3 至 IPX6 測試), 19.11.4<br>22.1 (IP5X 及 IP6X 測試),<br>22.32 (氧氣罐測試), 22.46, 25.25,<br>30.2.3 (按 GB/T 5169.16 的燃燒測試),<br>31 (按 GB/T 2423.18 的鹽霧測試)<br>附錄 J 及 R |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心 A 座地下 2 及 3 號室

| **Electrical and Electronic Products 電氣及電子產品** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Safety tests :- | |
| Household electrical appliances with rated voltage up to 250 V | | |
| - Humidifier | - Compliance inspection and safety tests | BS EN 60335-2-98: 2003 + A2: 2008<br>EN 60335-2-98: 2003 + A2: 2008<br>< ***Excluding the following*** ><br>for the above two standards<br>Cl. 8.1.4 (discharge energy measurement),<br>13.2 (test for electrode-type appliance),<br>15.1 (tests for IPX3 to IPX6), 19.2, 19.11.4,<br>22.1 (tests for IP5X and IP6X),<br>22.32 (oxygen bomb test), 22.46, 22.103, 22.104,<br>25.25, 30.2.3 (burning tests to IEC 60695-11-10),<br>32 (measurement of EMF according to EN 50366 or EN 62233),<br>Annex J and R<br><br>IEC 60335-2-98: 2002 + A1: 2004 + A2: 2008<br>< ***Excluding the following*** ><br>Cl. 8.1.4 (discharge energy measurement),<br>13.2 (test for electrode-type appliance),<br>15.1 (tests for IPX3 to IPX6), 19.2, 19.11.4,<br>22.1 (tests for IP5X and IP6X),<br>22.32 (oxygen bomb test), 22.46, 22.57, 22.103, 22.104,<br>25.25, 30.2.3 (burning tests to IEC 60695-11-10),<br>Annex J, R and T |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心 A 座地下 2 及 3 號室

| Electrical and Electronic Products 電氣及電子產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Safety tests :-<br>安全測試 | |
| Household electrical appliances with rated voltage up to 250 V | | |
| - Kitchen machine | - Compliance inspection and safety tests | BS EN 60335-2-14: 2006 + A1: 2008 + A11: 2012<br>EN 60335-2-14: 2006 + A1: 2008 + A11: 2012<br>< ***Excluding the following*** ><br>for the above two standards<br>Cl. 8.1.4 (discharge energy measurement),<br>15.1 (tests for IPX3 to IPX6), 19.11.4,<br>22.1 (tests for IP5X and IP6X),<br>22.32 (oxygen bomb test), 22.46, 25.25,<br>30.2.3 (burning tests to IEC 60695-11-10),<br>32 (measurement of EMF according to EN 50366 or EN 62233),<br>Annex J, R and AA<br><br>IEC 60335-2-14: 2016 + A1: 2019<br>< ***Excluding the following*** ><br>Cl. 8.1.4 (discharge energy measurement),<br>15.1 (tests for IPX3 to IPX6), 19.11.4,<br>22.1 (tests for IP5X and IP6X),<br>22.32 (oxygen bomb test), 22.46, 22.57, 25.25,<br>30.2.3 (burning tests to IEC 60695-11-10),<br>Annex J, R, T and AA |
| - Kitchen machine | - Compliance inspection and safety test | GB 4706.30-2008<br>***<Excluding the following>***<br>Cl. 8.1.4 (discharge energy measurement),<br>15.1 (tests for IPX3 to IPX6), 19.11.4,<br>22.1 (tests for IP5X and IP6X),<br>22.32 (oxygen bomb test), 22.46, 25.25,<br>30.2.3 (burning tests to GB/T 5169.16),<br>Annex J, R and AA |
| - 廚房器具 | - 安全測試 | GB 4706.30-2008<br>***<不包括>***<br>Cl. 8.1.4 (放電量測量),<br>15.1 (IPX3 至 IPX6 測試), 19.11.4<br>22.1 (IP5X 及 IP6X 測試),<br>22.32 (氧氣罐測試), 22.46, 25.25,<br>30.2.3 (按 GB/T 5169.16 的燃燒測試),<br>附錄 J、R 及 AA |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心 A 座地下 2 及 3 號室

| **Electrical and Electronic Products 電氣及電子產品** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Safety tests :-<br>安全測試 | |
| Household electrical appliances with rated voltage up to 250 V | | |
| - Rice cooker | - Compliance inspection and safety test | GB 4706.19-2008<br>***<Excluding the following>***<br>Cl. 8.1.4 (discharge energy measurement),<br>15.1 (tests for IPX3 to IPX6), 19.11.4,<br>22.1 (tests for IP5X and IP6X),<br>22.32 (oxygen bomb test), 22.46, 25.25,<br>30.2.3 (burning tests to GB/T 5169.16),<br>Annex J and R |
| - 電飯鍋 | - 安全測試 | GB 4706.19-2008<br>***<不包括>***<br>Cl. 8.1.4 (放電量測量),<br>15.1 (IPX3 至 IPX6 測試), 19.11.4<br>22.1 (IP5X 及 IP6X 測試),<br>22.32 (氧氣罐測試), 22.46, 25.25,<br>30.2.3 (按 GB/T 5169.16 的燃燒測試),<br>附錄 J 及 R |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司

Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心 A 座地下 2 及 3 號室

| Electrical and Electronic Products 電氣及電子產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Safety tests :- | |
| Household electrical appliances with rated voltage up to 250 V | | |
| - Shaver, hair clipper and similar appliance | - Compliance inspection and safety tests | BS EN 60335-2-8: 2015 + A1:2016<br>EN 60335-2-8: 2015 + A1: 2016<br>< ***Excluding the following*** ><br>for the above two standards<br>Cl. 8.1.4 (discharge energy measurement),<br>15.1 (tests for IPX3 to IPX6), 19.11.4,<br>22.1 (tests for IP5X and IP6X),<br>22.32 (oxygen bomb test), 22.46, 25.25,<br>30.2.3 (burning tests to IEC 60695-11-10),<br>32 (measurement of EMF according to EN 50366 or EN 62233),<br>Annex J and R<br><br>IEC 60335-2-8: 2012 + A1: 2015<br>< ***Excluding the following*** ><br>Cl. 8.1.4 (discharge energy measurement),<br>15.1 (tests for IPX3 to IPX6), 19.11.4,<br>22.1 (tests for IP5X and IP6X),<br>22.32 (oxygen bomb test), 22.46, 22.57, 25.25,<br>30.2.3 (burning tests to IEC 60695-11-10),<br>Annex J, R and T |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心 A 座地下 2 及 3 號室

| Electrical and Electronic Products 電氣及電子產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| Household electrical appliances with rated voltage up to 250 V<br>額定電壓不高於 250 V 的家用電器 | Safety tests :-<br>安全測試 | |
| - Vacuum cleaner<br>***<Excluding the following>***<br>- ash vacuum cleaner | - Compliance inspection and safety tests | IEC 60335-2-2: 2009<br>***< Excluding the following >***<br>Cl. 8.1.4 (discharge energy measurement),<br>11.7 (tests for an appliance incorporating an automatic cord reel), 15.1 (tests for IPX3 to IPX6), 15.101,<br>19.7, 19.11.4, 19.103, 19.104,<br>21.101, 21.102, 21.103, 21.104, 21.105,<br>22.1 (tests for IP5X and IP6X), 22.32 (oxygen bomb test),<br>22.46, 22.57, 22.101, 25.25,<br>30.2.3 (burning tests to IEC 60695-11-10),<br>Annex B, J, R and T |
| - Vacuum cleaner<br>***<Excluding the following>***<br>- ash vacuum cleaner | - Compliance inspection and safety test | GB 4706.7-2014<br>***<Excluding the following>***<br>Cl. 8.1.4 (discharge energy measurement),<br>11.7 (tests for an appliance incorporating an automatic cord reel), 15.1 (tests for IPX3 to IPX6), 15.101,<br>19.7, 19.11.4, 19.103, 19.104,<br>21.101, 21.102, 21.103, 21.104, 21.105,<br>22.1 (tests for IP5X and IP6X), 22.32 (oxygen bomb test),<br>22.46, 22.101, 25.25,<br>30.2.3 (burning tests to GB/T 5169.16),<br>Annex B, J and R |
| - 真空吸塵器<br>***<不包括>***<br>- 灰真空吸塵器 | - 安全測試 | GB 4706.7-2014<br>***<不包括>***<br>Cl. 8.1.4 (放電量測量),<br>11.7 (帶有自動卷線器器具的測試),<br>15.1 (IPX3 至 IPX6 測試), 15.101, 19.7, 19.11.4,<br>19.103, 19.104, 21.101, 21.102, 21.103, 21.104, 21.105,<br>22.1 (IP5X 及 IP6X 測試),<br>22.32 (氧氣罐測試), 22.46, 22.101, 25.25,<br>30.2.3 (按 GB/T 5169.16 的燃燒測試),<br>附錄 B、J 及 R |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心 A 座地下 2 及 3 號室

| **Electrical and Electronic Products 電氣及電子產品** | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Safety tests :- | |
| Information technology and electrical business equipment:<br>- Radio equipment<br>- Fixed network telecommunications equipment<br>- Power supply unit<br>- Calculator<br>- Document shredding machine<br>- Pencil sharpener<br>- Stapler<br>- Laminating machine | - Compliance inspection and safety tests | EN 60950-1: 2006 + A2: 2013<br>< ***Excluding the following*** ><br>Cl. 4.2.8, 4.2.11, 4.3.6, 4.3.12, 4.3.13, 4.4.5, 4.6.2 (test to Cl. A.3), 4.7.3.2 (test to Cl. A.2), 5.2 (electric strength test higher than 5 kV peak), 7.4.3, Zx, A.2, A.3; Annex Q, U and ZB<br><br>IEC 60950-1: 2005 + A1: 2009 + A2: 2013<br>< ***Excluding the following*** ><br>Cl. 4.2.8, 4.2.11, 4.3.6, 4.3.12, 4.3.13, 4.4.5, 4.6.2 (test to Cl. A.3), 4.7.3.2 (test to Cl. A.2), 5.2 (electric strength test higher than 5 kV peak), 7.4.3, A.2, A.3; Annex Q and U |

**SGS Hong Kong Limited**
香港通用檢測認證有限公司
Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心 A 座地下 2 及 3 號室

| Electrical and Electronic Products 電氣及電子產品 | | |
|---|---|---|
| **ITEM TESTED OR MEASURED**<br>測試或量度項目 | **SPECIFIC TEST OR PROPERTY MEASURED**<br>特定測試或量度的特性 | **SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED**<br>規範、標準方法或應用技術 |
| | Telecommunications equipment tests :- | |
| Telephone, fax machine, dial-up modem, answering machine and recording machine | - Testing of wire-line equipment<br>- Power level in on-hook state<br>- Voice-band impedance in on-hook state<br>- Off-hook DC characteristics<br>- Power level for voice transmission equipment<br>- Out-band power limits<br>- DTMF signalling | HKCA 2011 Issue 6 (2010)<br>Cl. 3.4<br>Cl. 3.6<br>Cl. 4<br>Cl. 7.3<br>Cl. 7.4<br>Cl. 8.5 |
| Land mobile service radio equipment with an internal or external RF connector intended primarily for analogue speech | - Testing of transmitter<br>- Frequency error<br>- Transmitter power (conducted)<br>- Maximum effective radiated power<br>- Frequency deviation<br>- Adjacent and alternate channel power<br>- Unwanted emissions in the spurious domain | ETSI EN 300 086: 2016 Cl. 7.1 to 7.6 |
| Land mobile service radio equipment using integral antennas intended primarily for analogue speech | - Testing of transmitter<br>- Frequency error<br>- Effective radiated power<br>- Maximum permissible frequency deviation<br>- Adjacent and alternate channel power<br>- Radiated unwanted emissions in the spurious domain | ETSI EN 300 296: 2016 Cl. 7.1 to 7.5 |