



API Lab Testing Limited
法亞太產品測試有限公司

ADDRESS : Unit F and G, 22/F, Golden Bear Industrial Centre, 66-82 Chai Wan Kok Street,
地址 Tsuen Wan, New Territories, Hong Kong
香港新界荃灣柴灣角街 66-82 號金熊工業中心 22 樓 F 及 G 室

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ACCREDITED TEST : Food 食品
CATEGORY Physical and Mechanical Testing 物理及機械測試
認可測試類別 Toys and Children's Products 玩具及兒童產品



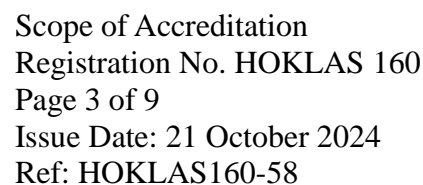
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Food 食品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
Food containers (ceramic ware)	Toxicological test :- - Leachable lead and cadmium	Council Directive 84/500/EEC Annex I and II with amendment Commission Directive 2005/31/EC



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Physical and Mechanical Testing 物理及機械測試		
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Furniture	Safety and performance tests :-	
- Chairs or seating		
- Domestic seating <Excluding the following>	- Strength, durability and safety requirements	EN 12520: 2015
- tilting chairs	- Stability tests	EN 1022: 2018 <Excluding the following> Cl. 7.4.1, 7.4.2, 7.4.3, 7.4.4, 7.4.5 and 8
- rocking chairs		
- reclining chairs		
- Outdoor single-seat seating for domestic use	- General safety requirements	BS EN 581-1: 2006 BS EN 581-1: 2017
	- Mechanical safety tests	BS EN 581-2: 2015 <Excluding the following> Cl. 6 and 7.2 (durability tests on seating with a multi-position back rest, seating with variable geometry)
- Tables		
- Domestic tables <Excluding the following>	- Strength, durability and safety requirements	EN 12521: 2015 <Excluding the following> Cl. 6.1 (vertical impact for tables with glass in their construction) and Annex A
- tables with glass in their construction		
- Outdoor tables	- General safety requirements	BS EN 581-1: 2006 BS EN 581-1: 2017
	- Mechanical safety tests	BS EN 581-3: 2017 <Excluding the following> Cl. 5.1 (Tests for glass table tops)

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Toys and Children's Products 玩具及兒童產品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
Toys – paint and similar surface- coating materials	Chemical test :- - Total lead content	ASTM F963-17 Cl. 4.3.5.1 (1) ASTM F963-23 Cl. 4.3.5.1 (1) <i>Test procedures for compliance testing:-</i> 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 (by microwave digestion only)
	- Migration of the elements Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium	ASTM F963-17 Cl. 4.3.5.1 (2) <i>Test procedures for compliance testing:-</i> ASTM F963-17 Cl. 8.3.2 - 8.3.4 ASTM F963-23 Cl. 4.3.5.1 (2) <i>Test procedures for compliance testing:-</i> ASTM F963-23 Cl. 8.3.2 - 8.3.4
Toys – substrate materials (plastic, polymers and other non- siliceous materials only)	- Total lead content	ASTM F963-17 Cl. 4.3.5.2 (2) (a) <i>Test procedures for compliance testing:-</i> CPSC Test Method: CPSC-CH-E1002-08.1 Standard Operating Procedure for Determining Total Lead (Pb) in Non-Metal Children's Products , June 21, 2010 ASTM F963-23 Cl. 4.3.5.2 (2) (a) <i>Test procedures for compliance testing:-</i> 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 <Excluding the following> XRF Spectrometry
	- Migration of the elements Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium	ASTM F963-17 Cl. 4.3.5.2 (2) (b) <i>Test procedures for compliance testing:-</i> ASTM F963-17 Cl. 8.3.5
Toys – substrate materials (excluding modelling clay)	- Migration of the elements Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium	ASTM F963-23 Cl. 4.3.5.2 (2) (b) <i>Test procedures for compliance testing:-</i> ASTM F963-23 Cl. 8.3.5

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<p>Toys and other articles intended for use by children – paint and other similar surface-coating materials</p> <p>Children's non-metal products (plastic, polymers and other non-siliceous materials only)</p> <p>Children's metal products</p> <p>All toys</p> <p>- Category III toy materials: scraped-off materials</p>	<p>Chemical test (cont'd):-</p> <p>- Total lead content</p> <p>- Total lead content</p> <p>- Total lead content</p> <p>- Migration of certain elements</p> <p>Aluminum, Antimony, Arsenic, Barium, Boron, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Mercury, Nickel, Selenium, Strontium, Tin and Zinc</p>	<p>US Public Law 110-314 Consumer Product Safety Improvement Act 2008 US 16 CFR Part 1303</p> <p><i>Test procedures for compliance testing:-</i> 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 (by microwave digestion only)</p> <p><i>Test Procedures for Compliance testing:-</i> CPSC Test Method: CPSC-CH-E1002-08.1 Standard Operating Procedure for Determining Total Lead (Pb) in Non-Metal Children's Products , June 21, 2010</p> <p>US Public Law 110-314 Consumer Product Safety Improvement Act 2008 <i>Test Procedures for Compliance testing:-</i> 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 <Excluding the following> XRF spectrometry</p> <p>EN71-3: 2013 + A1: 2014</p> <p>Technique used: ICP-OES</p>



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<p>All toys</p> <p>- Category III toy materials: scraped-off materials</p>	<p>Chemical test (cont'd):-</p> <p>- Migration of certain elements</p> <p>Aluminum, Antimony, Arsenic, Barium, Boron, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Mercury, Nickel, Selenium, Strontium, Tin and Zinc</p> <p>Chromium (VI) and Chromium (III) (by calculation)</p> <p>Organic Tin: Methyl tin, Dimethyltin, Butyltin, Dibutyl tin, Tributyl tin, Tetra-butyltin n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Triphenyl tin</p>	<p>EN71-3: 2019 + A1: 2021</p> <p>Technique used: ICP-OES</p> <p>Annex F (IC-ICP-MS)</p> <p>Annex G (GC-MS)</p>
All toys	<p>- Migration of elements</p> <p>Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium</p>	AS/NZS ISO 8124.3: 2003
<p>All toys</p> <p><Excluding the following> Finger paints</p>	<p>- Migration of elements</p> <p>Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium</p>	<p>AS/NZS ISO 8124.3: 2012</p> <p>ISO 8124.3: 2020 (For dewaxing: Method A)</p> <p>AS/NZS ISO 8124.3: 2021 (For dewaxing: Method A)</p>
Toys and childcare articles	<p>- Dibutyl Phthalate (DBP)</p> <p>- Di-(2ethylhexyl) phthalate (DEHP)</p> <p>- Benzyl Butyl Phthalate (BBP)</p> <p>- Diisobutyl phthalate (DIBP)</p> <p>- Di-n-pentyl phthalate (DPENP)</p> <p>- Di-n-hexyl phthalate (DHEXP)</p> <p>- Dicyclohexyl phthalate (DCHP)</p> <p>- Diisononyl phthalate (DINP)</p>	<p>US 16 CFR Part 1307.3</p> <p>Test Procedures for Compliance testing:-</p> <p>CPSC Test Method: CPSC-CH-C1001-09.4</p> <p>Standard Operating Procedure for Determination of Phthalates, January 17, 2018</p>



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Battery operated toys	Electrical tests :- - Battery operated toy safety tests	ASTM F963-17 Section 4.25 <Excluding the following> Section 4.25.8.1, 4.25.10, 4.25.11 ASTM F963-23 Section 4.25 <Excluding the following> Section 4.25.7.1, 4.25.9, 4.25.10
Electric toys	- Compliance inspection and safety tests	EN IEC 62115: 2020 + A11: 2020 <Excluding the following> Cl. 5.1 (dynamic strength test toy and static strength test), 9.1 (protective electronic circuit), 11 (IP test to IEC 60529), 13.8, 13.10, 18 (burning tests to IEC 60695-11-10 and ISO 9772, glow-wire ignition temperature tests to IEC 60695-2-13), 19, Annexes C, D, E, I and J



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Toys	Flammability test	ASTM F963-17 Section 4.2 ASTM F963-23 Section 4.2 EN 71-2: 2011 + A1: 2014 <Excluding the following> Tests for cellulose nitrate, flammable gas, flammable gel, extremely flammable liquid, highly flammable liquid and flammable liquid EN 71-2: 2020 <Excluding the following> Tests for cellulose nitrate, flammable gas, flammable gel, extremely flammable liquid, highly flammable liquid and flammable liquid AS/NZS ISO 8124.2: 2016 ISO 8124-2: 2014 <Excluding the following> for the above two standards Tests for cellulose nitrate, flammable gas, flammable gel, highly flammable liquid and flammable liquid
Textile fabrics used in toys		16 CFR Part 1610

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<p>Toys</p>	<p>Physical and mechanical tests :-</p> <p>- Safety Requirements:</p> <p>- Safety labeling requirements</p> <p>- Instructional literature</p> <p>- Producer's markings</p> <p>- Test Methods</p>	<p>ASTM F963-17</p> <p>ASTM F963-23</p> <p>Section 4.1, 4.6, 4.7, 4.8, 4.9, 4.10, 4.11, 4.12, 4.13, 4.14, 4.15, 4.16, 4.17, 4.18, 4.19, 4.20, 4.21, 4.22, 4.23, 4.24, 4.26, 4.27, 4.28, 4.30, 4.31, 4.32, 4.33, 4.34, 4.35, 4.36, 4.38, 4.39 and 4.41</p> <p><Excluding the following> for the above two standards Section 4.1 (reprocessed material to 4.3.1), 4.6.2, 4.8.1 and 4.20.1</p> <p>Section 5</p> <p>Section 6</p> <p>Section 7</p> <p>Section 8</p>
<p>Toys</p> <p><Excluding the following></p> <p>- toys intended to bear the mass of more than one child at a time</p>	<p>- General requirements:</p> <p>- Toys intended for children under 36 months:</p> <p>- Packaging</p> <p>- Warnings, markings and instruction for use</p> <p>- Test methods</p>	<p>EN 71-1: 2014 + A1: 2018</p> <p>Cl. 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 4.10, 4.12, 4.13, 4.14, 4.15.3, 4.15.4, 4.16, 4.17, 4.18, 4.22, 4.23, 4.24, 4.25 and 4.27</p> <p><Excluding the following> Cl. 4.18 (Tests to EN 15649-3)</p> <p>Cl. 5.1, 5.2, 5.3, 5.4, 5.5, 5.7, 5.8, 5.9, 5.10, 5.11, 5.12, 5.13, 5.14 and 5.15</p> <p>Cl. 6</p> <p>Cl. 7</p> <p>Cl. 8</p>
<p>Toys</p>	<p>- General requirements</p> <p>- Test methods</p>	<p>AS/NZS ISO 8124.1: 2019 + Amd. 1: 2020 + Amd. 2: 2020</p> <p>ISO 8124-1: 2018 + Amd.1: 2020 + Amd.2: 2020</p> <p>Cl. 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 4.10, 4.11, 4.12, 4.13, 4.14, 4.15, 4.16, 4.17, 4.18, 4.19, 4.20, 4.25, 4.26, 4.31, 4.32, 4.33, 4.34, 4.35 and 4.36</p> <p><Excluding the following> for the above two standards Cl. 4.3.2, 4.8.2, 4.15.1, 4.15.2, 4.18.4.1, 4.26c</p> <p>Cl. 5</p>
<p>Toys and other articles intended for use by children under 3 years of age</p>	<p>- Method for identifying choking, aspiration, or ingestion hazards because of small parts</p>	<p>16 CFR 1501 in conjunction with test methods specified in 16 CFR 1500.51 or 16 CFR 1500.52 [excluding bite test to 1500.51(c) or 1500.52 (c)]</p>