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## **Sartorius Hong Kong Limited – Calibration Laboratory**

賽多利斯香港有限公司-校正實驗室

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ACCREDITED TEST : Cal

CATEGORY 認可測試類別 : Calibration Services 校正服務



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Calibration Services 校正服務		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED <sup>@</sup> 特定測試或量度的特性 <sup>@</sup>	CALIBRATION AND MEASUREMENT CAPABILITY (CMC)* 校準和測量能力*
Mass and related quantities		
- Mass		
- Electronic balance	Calibration for mass using OIML Class E1 standard weights from 1 mg to 5 g in accordance with in-house procedure CC01 over the following range:	
	1 mg to 6 g	0.003 mg to 0.016 mg
	Calibration for mass using OIML Class E2 standard weights from 1 mg to 5 kg in accordance with in-house procedure CC01 over the following ranges:	
	1 mg above 1 mg to 6 g above 6 g to 50 g above 50 g to 200 g above 200 g to 520 g above 520 g to 2000 g above 2000 g to 3000 g above 2000 g to 3000 g above 3000 g to 4000 g above 4000 g to 5200 g above 5200 g to 6200 g	0.006 mg 0.006 mg to 0.03 mg 0.03 mg to 0.07 mg 0.07 mg to 0.3 mg 0.3 mg to 1 mg 1 mg to 3 mg 3 mg to 4 mg 4 mg to 5 mg 5 mg to 7 mg 7 mg to 20 mg
	On-site calibration for mass using OIML Class E2 standard weights from 1 mg to 5 kg, in accordance with in-house procedure CC01 over the following ranges:	
	1 mg above 1 mg to 6 g above 6 g to 50 g above 50 g to 200 g above 200 g to 520 g above 520 g to 2000 g	0.006 mg 0.006 mg to 0.03 mg 0.03 mg to 0.07 mg 0.07 mg to 0.3 mg 0.3 mg to 1 mg 1 mg to 3 mg
	above 2000 g to 3000 g above 3000 g to 4000 g above 4000 g to 5200 g above 5200 g to 6200 g	3 mg to 4 mg 4 mg to 5 mg 5 mg to 7 mg 7 mg to 20 mg

<sup>&</sup>lt;sup>®</sup> Unless otherwise specified, accredited activities are conducted at the laboratory.

<sup>\*</sup> 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.



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Calibration Services 校正服務		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED <sup>®</sup> 特定測試或量度的特性 <sup>®</sup>	CALIBRATION AND MEASUREMENT CAPABILITY (CMC)* 校準和測量能力*
Mass and related quantities (cont'd)		
- Volume		
- Single channel piston-operated pipette (Type A only)	Calibration for delivered volume in accordance with ISO 8655-6: 2002 and verification for maximum permissible systematic error and random error as specified in ISO 8655-2: 2002 over the following ranges:  1 µL to 5 µL above 5 µl to 10 µL above 10 µL to 20 µL above 20 µL to 100 µL above 500 µL to 1 mL above 500 µL to 1 mL above 5 mL to 10 mL  Calibration for delivered volume in accordance with ISO 8655-6: 2022 and verification for maximum permissible systematic error and random error as specified in ISO 8655-2: 2022	0.07 μL 0.1 μL 0.7 μL 1 μL 5 μL 7 μL 29 μL 50 μL
	over the following ranges:  0.3 μL above 0.3 μl to 3 μL above 3 μL to 10 μL above 10μL to 100 μL above 100μL to 500 μL above 500 μL to 1 mL above 1 mL to 5 mL above 5 mL to 10 mL	0.03 μL 0.09 μL 0.15 μL 1.0 μL 5 μL 7 μL 29 μL 57 μL

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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.