



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Sartorius Mechatronics Corporation<sup>3</sup>

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CALIBRATION and TESTING

Valid to: December 29, 2010

Certificate Number: ACT-1252

I. Mechanical Calibration

Table with 5 columns: PARAMETER / EQUIPMENT, RANGE^3, CALIBRATION AND MEASUREMENT CAPABILITY [EXPRESSED AS UNCERTAINTY(±)], REFERENCE STANDARD OR EQUIPMENT, METHOD(S). Rows include Micro Balances, Semi-Micro Balances, Analytical Balances, Precision Balances, Top Loading Balances, Scales, and Moisture Analyzers.



## II. Mechanical / Electrical Testing

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*DETECTION LIMIT / RANGE / EQUIPMENT
Electro-Mechanical	Scales / Balances	Scale Performance	SC-III-N-047	Digital Multimeter, Traceable Weights
Electro-Mechanical	Moisture Analyzers	Analyzer Performance	SC-III-N-047	Digital Multimeter, Traceable Weights, Fluke 51 Temperature Meter

**Notes:**

1. Calibration and Measurement Capabilities (Expanded Uncertainty) are based on approximately a 95% confidence interval, using a coverage of  $k=2$
2. The uncertainty associated when calibrating a balance/scale is dependent on local conditions, such as the resolution of the unit being calibrated and the environment in which the balance/scale is operating. The uncertainty listed in the scope represents the measurement uncertainty for a balance/scale which the organization typically calibrates in its lab. Since field (on-site) conditions are typically more variable than those in the laboratory, larger measurement uncertainties are expected in the field (on-site) than what is reported on the accredited scope.
3. This organization maintains satellite organization(s). The accredited corporate site with the above address is also accredited for satellite site(s).
4. This organization maintains the following satellite sites: Sartorius Mechatronics Corporation d/b/a Sartorius Mechatronics Canada Inc., 2179 Dunwin Drive, Mississauga, Ontario Canada
5. Range Number in parentheses is the instrument resolution.
6. This scope is part of and must be included with the Certificate of Accreditation No. AC-1252




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Vice President

