**Issue date: 06 April 2025**
**Valid Until: -**

**NO: SAMM 763**



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|---|---|
| **LABORATORY LOCATION/ CENTRAL OFFICE:** | Institute of Nanoscience and Nonotechnology (ION2), UPM<br>UNIVERSITI PUTRA MALAYSIA 43400 SERDANG, SELANGOR<br>MALAYSIA , 43400,<br>SELANGOR<br>MALAYSIA |
| **ACCREDITED SINCE :** | 06 APRIL 2025 |
| **FIELD(S) OF TESTING:** | CHEMICAL |
| **FIELD(S) OF CALIBRATION:** | MASS |

This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC 17025:2017 (ISO/IEC 17025:2017).

This laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (see Joint ISO-ILAC-IAF Communiqué dated April 2017).

*** The uncertainty covered by the CMC is expressed as the expanded uncertainty corresponding to a coverage probability of approximately 95 % and have a coverage factor of k=2 unless stated otherwise.**

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| **CENTRAL LOCATION:** | Institute of Nanoscience and Nonotechnology (ION2), UPM<br>UNIVERSITI PUTRA MALAYSIA 43400 SERDANG, SELANGOR<br>MALAYSIA , 43400,<br>Selangor |
| **FIELD(S) OF TESTING :** | CHEMICAL, |

**SCOPE OF TESTING : CHEMICAL**

| Material / Product Tested | Type Of Test / Properties Measured / Range Of Measurement | Standard Test Methods / Equipment / Techniques |
|---|---|---|

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|---|---|
| **CENTRAL LOCATION** | Institute of Nanoscience and Nonotechnology (ION2), UPM<br>UNIVERSITI PUTRA MALAYSIA 43400 SERDANG, SELANGOR<br>MALAYSIA , 43400,<br>Selangor |
| **FIELD(S) OF CALIBRATION :** | MASS, |

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**SCOPE OF CALIBRATION : MASS**

| **Instrument Calibrated/Measurement Parameter** | **Range** | **Calibration and Measurement Capability Expressed as an Uncertainty (±)*** | **Remarks** |
|---|---|---|---|

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|---|---|
| **SITE LOCATION** (HQ) | 1. Institute of Nanoscience and Nonotechnology (ION2), UPM UNIVERSITI PUTRA MALAYSIA 43400 SERDANG, SELANGOR MALAYSIA,MALAYSIA |
| **FIELD(S) OF CALIBRATION :** | MASS |

**SCOPE OF CALIBRATION : MASS**

| **Material / Product Tested** | **Type Of Test / Properties Measured / Range Of Measurement** | **Standard Test Methods / Equipment / Techniques** | **Remarks** |
|---|---|---|---|
| Electronic Balances. | Up to 50g Up to 100g Up to 200g Up to 1 kg Up to 5 kg Up to 10 kg | 0.2 mg 0.6 mg 0.8 mg 4mg 20 mg 41 mg | Calibrated using standard weights with reference to Euramet cg 18, v4.0. Reference weights of OIML classes E2 and nominal values Fi, from 1 mg to 10 kg are available. |