Certificate of Calibration



|  |
| --- |
| **Customer :** |

|  |
| --- |
| **Location of Calibration :** |

**{{LOCATION\_ADDRESS}}{{LOCATION\_ADDRESS}}**

|  |
| --- |
| **Due Date** |
| **Issue Date** |
|  |
| **Procedure** |

Model / Part Number : {{MODEL}}

Manufacturer : {{MANUFACTURER}}

Description : {{DESCRIPTION}}

Serial Number : {{SERIAL\_NUMBER}}

Range : {{RANGE}}

: {{RECEIVED\_DATE}}

: {{DATE\_OF\_CALIBRATION}}

|  |
| --- |
| **Received Date** |
| **Date of Calibration** |

: {{DUE\_DATE}}

: {{ISSUE\_DATE}}

: {{PROCEDURE}}

**Graduation** : {{GRADUATION}}

Option : {{OPTION}}

Certificate No. : {{CERTIFICATE\_NUMBER}}

Customer ID/Asset : {{CUSTOMER\_ASSET\_ID}}

|  |
| --- |
| This document certifies that the above instrument has been calibrated and test in accordance by Metrology Division. |
| Calibration procedures conducted under conditions noted with standard. This report shall not be reproduced except in full, |
| with out the written approval of the written approval of the laboratory. |

|  |
| --- |
| **Uncertainty of Measurement.** |
| The Uncertainty evaluation has been performed in accordance with (M3003). The reported expanded measurement |
| uncertainty,which corresponds to a coverage probability of approximately 95%, is the standard uncertainty multiplied by the |
| coverage factor k=2. Where this is not the case, coverage factor (k), coverage factor (k), effective degrees of freedom (veff) and |
| coverage (p) probability are stated. |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

{{CALIBRATOR}}

**Calibrated**

{{APPROVER}}

**Approved**

|  |
| --- |
|  |

**Certificate No.: {{CERTIFICATE\_NUMBER}}**

# Calibration Report

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| **Environment of Calibration.** |
| The calibration was carried out in an ambient of temperature (25 ±2) °C and relative humidity (60 ±10) % and |
| accomplished in an ambient environment controlled in the laboratory. |

|  |
| --- |
| **Traceability.** |
| The measurements are traceable to the International System of Units (SI) via National Institue of Standards |
| and Technology |

- Standard weight E2 Certificate no. M2403223S

|  |
| --- |
| **Calibration Method.** |
| Environmental Control System Tester (UUC that mean Unit Under Calibration) has been calibrated in accordance |
| with Technical Order No. 33K6-4-2630-1 and verified its tolerance limit value specified in this T.O. |

**Maker / Model:**

|  |  |  |
| --- | --- | --- |
| **Standard Used.** | | |
| **Asset No:** |  | **Description Name:** |
| 1 |  | Weight Class E2 |

1 mg to 2 kg

**Due Date:**

7-Oct-2025

|  |  |  |
| --- | --- | --- |
| **Serial Number:** |  | **Certificate No:** |
| 22229943 |  | M2403223S |

**Certificate No.: {{CERTIFICATE\_NUMBER}}**

# Calibration Report

**Calibration Results :**

|  |
| --- |
| Initial testing found the instrument to be in-specification for the parameters tested.No adjustment was necessary |
| to ensure the performance to published operating specifications. |

1. **Linearity**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Nominal Value (g) | Conventinal Mass (g) | Displayed Value (g) | Error (g) | Uncertainty (g) |
| No Load | 0.00000 | 0.00 | 0.00000 | 0.000040 |
| 10 | 10.00001 | 10.00002 | 0.00001 | 0.000040 |
| 20 | 20.00004 | 20.00005 | 0.00001 | 0.000044 |
| 50 | 50.00002 | 50.00004 | 0.00002 | 0.000069 |
| 80 | 80.00008 | 80.00005 | -0.00003 | 0.000093 |
| 100 | 100.00011 | 100.00006 | -0.00005 | 0.00011 |
| 150 | 150.00012 | 150.00007 | -0.00005 | 0.00016 |
| 200 | 200.00025 | 200.00020 | -0.00005 | 0.00025 |
| **1.Linearity** | **1.Linearity** | **1.Linearity** | **2.Linear (Min-Max)** | **2.Linear (Min-Max)** |

**Approved by**

**{{APPROVER}}**

**Technical Manager (Physic)**

**Model / Part Number:** **{{MODEL}}**

**Manufacturer:** **{{MANUFACTURER}}**

**Description: {{DESCRIPTION}}**

**Serial Number: {{SERIAL\_NUMBER}}**

**Range: {{RANGE}}**

**Graduation: {{GRADUATION}}**

**Option: {{OPTION}}**

**Certificate No.: {{CERTIFICATE\_NUMBER}}**

**Customer ID/Asset: {{CUSTOMER\_ASSET\_ID}}**

**Procedure: {{PROCEDURE}}**

**Received Date: {{RECEIVED\_DATE}}**

**Date of Calibration: {{DATE\_OF\_CALIBRATION}}**

**Due Date: {{DUE\_DATE}}**

**Issue Date: {{ISSUE\_DATE}}**

**Calibrated by: {{CALIBRATOR}}**

**Approved by: {{APPROVER}}**

**{{CUSTOMER}} - Organization name**

**{{CUSTOMER\_ADDRESS}} - Organization address**

**{{LOCATION\_OF\_CALIBRATION}} - Organization name**

**{{LOCATION\_ADDRESS}} - Organization address**