



Calibration(CC-3128)

Calibration Certificate

Certificate Issued to:

IMPULSE DIAGNOSTICS

HAILAKANDI ROAD, SILCHAR, INDIA,



Calibration Certificate No:

03684532730857

Date of Issue:

01-SEP-2021

Customer Relationship Number

334629

Equipment

MICRO PIPETTE

Customer Reference No :

WO/PO No:

Kind Attention :

E-Mail: NIL

Contact No: 9958279074

The Calibration Results relate only to the item Calibrated

Authenticity of report can be verified by mail at verification@spectrolab.in

This is a Digitally Signed Report and hence doesn't require Physical Signature.

Spectro Analytical Labs Limited

S-1, GNEPIP, Surajpur Industrial Area, Phase-V, Kasna, Greater Noida-201308 (India)

Phone : +91-120-2341250,2341251 || URL : www.spectro.in || Email: care@spectro.in

BIS Approved, ISO 9001:2008 & ISO 14001:2004 & OHSAS 18001:2007 Certified Laboratory

Please refer to our Website www.spectro.in for Terms & Condition

1. **Date of Calibration:** 01.09.2021

2. **Description & Identification of the Instrument/Equipment:**

Name of the Equipment/Instrument	Micro Pipette
Make	ARWA
Model No.	MB400463
Serial No.	-----
Identification No.	-----
Range/Size	100 -100- μ ML
Least Count	5 μ ML
Location	LAB
Condition of the DUC	Working

3. **Environmental Condition:**

Parameters	Observed Reading	Requirement as per Relevant Standard
Temperature (at the time of Calibration) $^{\circ}$ C	23	23 \pm 2
Relative Humidity, % RH	50	50 \pm 10% RH

4. **Principle/Methodology of Calibration & Calibration Procedure Number:**

Reference Calibration Procedure No.	SOP-TC/02
Principle/Methodology of Calibration	IS 6274

5. **Parameter(s) Calibrated:** Micro Pipette

6. **Standard(s) used, Associated Uncertainty & Traceability of Standards(s) used:**

S. No.	Name	Make	Uncertainty (\pm)	Traceability	Validity
1	Weighing Balance	BNT	20 -220 μ ML	ERTL(N)/90(4)-(2016-17)/R1005	19/11/2021



7. Calibration Results:

Calibration Results			
S. No.	DUC* Reading (°C)	Corrected Std. Reading (°C)	Expanded Uncertainty (±°C)
1.	100	99.18	-0.82
2.	500	500.45	-0.45
3.	1000	999.73	-0.44

Remarks:

1. DUC*: - Device Under Calibration.
2. The Expanded Uncertainty associated with measurement at approximate 95% confidence level with coverage factor $k = 2$.
3. Temperature Scale used ITS-90.

8. Next Date of Calibration (Recommended): 01.10.2022



Calibration Engineer's Signature



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