RK Technologies
Calibration and Validation Services
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Calibration of Electro Technical, Thermal, Pressure, Dimensional, Volume, Sound & RPM Parameters.

NABL ACCREDITED LABORATORY
ISO / IEC 17025 : 2017

CC-2497

CALIBRATION CERTIFICATE

Calibration Item	Micropipette	Certificate No	2022-12-252-1867

Date of Receipt	Date of Calibration	Next Recommended Due Date	Certificate Issue Date	Page No
17 December 2022	17 December 2022	16 December 2023	19 December 2022	01 of 01

I. Customer Name & Adrress	M/S. DLS Diagnostic Laboratory Services Bajaj Nagar, More Chowk Waluj Dist : Aurangabad

II. Description of Item Under Calibration :

Instrument ID No	DLS/MP-02	Range	100 - 1000 µl
Make	Erba	Least Count	1 µl
Type	Single Channel	Location	LAB

III Environment Condition :

Air Pressure	1010 mbar	Z Correction Factor (µl/mg)	1.0045
Water Temperature	21.2°C	Work Instruction No	RK-WI-68
Air Temperature	21.3 °C	Discipline	Volume
Relative Humidity	56 % RH	Reference Standard Used	ISO 8655-6 (Latest Edition)
Location of Calibration	In Lab	Conditioned of Receipt Item	Good
ULR No	CC249722000001867F		

IV. Detail of Reference Standard used for calibration (Traceable To National / International Standard)

Instrument Name	ID No	Traceability (Cert No)	Date of Calibration	Valid upto	Traceability
Digital Weighing Balance	RK-STD-38	C2241272/N/M&V/01	12 April 2022	11 April 2023	NABL, CC-2052

V: Calibration Result :

Range	Set UUC Reading	Measure Standard Reading	Error	Expanded Uncertainty ±
	Unit : µl	Unit : µl	Unit : µl	Unit : µl
100 - 1000 µl	100	99.85	0.15	1.60
	500	499.61	0.39	1.60
	1000	999.35	0.65	1.60

The reported uncertainty is the expanded uncertainty in measurement obtained by multiplying the standard uncertainty by the coverage factor k=2, which corresponds to a coverage probability of approximately 95% for normal distribution

VI : Note:

1) UUC stands for Unit Under Calibration.
2) Next calibration date (1 Year) mentioned in the certificate is given as per customer request
3) This certificate refers only to the particular item submitted for calibration
4) This certificate shall not be reproduced, except in full unless written permission for the publication of an approved abstract has been obtained from the Technical Manager of "RK Technologies, Nashik".
5) The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement.
6)The above measure reading are the average of ten readings

RK TECHNOLOGIES NASHIK 422 010

Calibrated By
Mr.Yogesh Berad
Calibration Engineer

Review & Approved By
Mr. Rahul Kasture
Technical Manager

********** End of Report **********

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