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Calibration of Electro Technical,  
Thermal, Pressure, Dimensional,  
Volume, Sound & RPM Parameters.

**NABL ACCREDITED CALIBRATION LABORATORY**  
as per ISO/ IEC 17025 : 2017 With vide certificate No. CC-2497

## CALIBRATION CERTIFICATE

<b>Calibration Item</b>	Micropipette	<b>Certificate No</b>	RK/24/195-01
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<b>Date of Receipt</b>	<b>Date of Calibration</b>	<b>Next Recommended Due Date</b>	<b>Certificate Issue Date</b>	<b>Page No</b>
16 October 2024	17 October 2024	16 October 2025	18 October 2024	01 of 01

<b>I. Customer Name &amp; Address</b>	<b>HOFFEN DIAGNOSTICS</b>
	<b>BAVDHAN, PUNE</b>
<b>Customer Reference Through: M/s GLOBAL TECHNICAL SERVICES PUNE</b>	

### II. Description of Item Under Calibration :

Instrument ID No	HOF - 07	Range	5 to 50 µl
Make/Model	ERBA	Resolution	0.5 µl
Serial No.	QC 582298	Location	LAB
Type	Variable	Department	Pathology

### III Environment Condition:

Temperature Air	27 ± 3 °C	Water : 24.3°C	Work Instruction No	RK-WI-68
Relative Humidity	50 % to 60 % rh		Discipline	Mechanical Volume
Location of Calibration	In Lab		Z Correction Factor (µl/mg)	1.0045 / Air Pressure : 943 hPa
ULR NO.	CC249724000001621F		Condition of Receipt Item	Good

### 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	CAL/24-25/CC/0022-1	09 April 2024	8 April 2025	NABL, CC-2248


### V: Calibration Result :

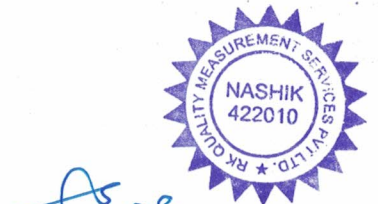
Calibration Range	Set UUC Reading	Measure Standard Reading @ 27 °C	Systematic Error	± Expanded Uncertainty
µl	µl	µl	µl	µl
5 to 50 µl	20	19.93	0.07	0.78
	30	29.89	0.11	0.78
	50	49.81	0.19	0.78

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 QUALITY MEASUREMENT SERVICES PVT LTD".
- 5) The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement.

  
Calibrated By  
**Mr. Yogesh Berad**  
Calibration Engineer



  
Review & Approved By  
**Mr. Rahul Kasture**  
Technical Manager