



RELIABLE TECHNICAL SERVICES

(Division of Reliable Technocare Pvt. Ltd.)

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CALIBRATION CERTIFICATE

1. CUSTOMER :-	Page No. :- 1 of 1
Dr. Manisha Mishra's Pathology Laboratory	NABL Accreditation No. :- CC-2927
1st Floor, Near Karishma Kapda Bazar, Girls College Road,	Certificate No. :- 22.09.24.006
Ansari Ward, Gondia - 411 601.	Date of Received :- 24.09.2022
Temperature (°C) :- 23.8	Date of Calibration :- 24.09.2022
Relative Humidity (%RH) :- 49.2	Next Calibration Due On :- 23.09.2023
Condition of Item :- OK	Location of calibration :- In lab
Atmospheric Pressure :- 944.9 mbar	Calibration method No. :- RTS-WI-19
	Date of Issue :- 26.09.2022
	ULR No. :- CC292722000007662F

2. Description of Item

Name :- Micropipette	Range :- 10 to 100 µl
Sr. No. :- XE4A317914	Resolution :- 1 µl
Make :- Sin Pipette	
	Location :- Lab

3. Detail of Equipment used for calibration

Name :- WEIGHING BALANCE
 Certificate No. :- 21.11.IH.002
 Certified By :- RTS
 ID/Sr. No. :- RTS-WBL-08
 Range :- 5.1 g
 Uncertainty :- ±0.004 mg
 Calibration Validity :- 01.11.2022

Discipline :- Mechanical Calibration

Group :- Mass and Volume-Volume

4. Calibration Results :-

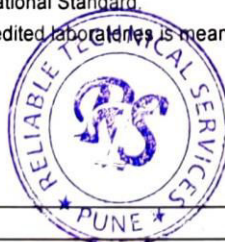
Sr.No.	Volume in µl	Observed mean volume at 27 °C (ref. Temp) µl	Systematic Error µl	Random Error µl	Expanded Uncertainty ± µl
1	10	10.041	0.041	0.007	0.50
2	50	50.321	0.321	0.004	0.50
3	100	100.490	0.490	0.004	1.80

Note:

- 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
- Barometric Pressure 950 mbar. Volumes are reported at 20°C.
- This certificate refers only to the particular item submitted for calibration.
- The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement.
- Calibration point were selected as per customer specifications.
- 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 "Reliable Technical Services, Pune".
- The Standard used are traceable to National / International Standard
- Calibration of volumetric measures done by any accredited laboratory is meant for scientific and industrial purpose only.

Calibrated By

 Calibration Engineer
 V. Salunke



Approved By

 Technical Manager
 SACHIN A. MHASAWADE

