



RELIABLE TECHNICAL SERVICES

(Division of Reliable Technocare Pvt. Ltd.)

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CALIBRATION CERTIFICATE

1.CUSTOMER :- Dr. Manisha Mishra's Pathology Laboratory 1st Floor, Near Kanishma Kapda Bazar, Girls College Road, Ansari Ward, Gondia - 411 601. Temperature (°C) :- 23.1 Relative Humidity (%RH) :- 49.4 Condition of Item :- OK Atmospheric Pressure :- 944.7 mbar	Page No. :- 1 of 1 NABL Accreditation No. :- CC-2927 Certificate No. :- 22.09.24.007 Date of Received :- 24.09.2022 Date of Calibration :- 24.09.2022 Next Calibration Due On :- 23.09.2023 Location of calibration :- In lab Calibration method No. :- RTS-WI-19 Date of Issue :- 26.09.2022 ULR No. :- CC292722000007663F
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2. Description of Item	
Name :- Micropipette Sr. No. :- XE182AG0203195 Make :- Sin Pipette	Range :- 10 to 100 µl Resolution :- 1 µl 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	

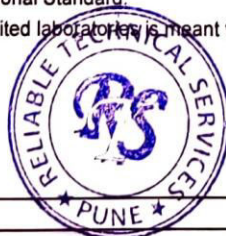
Discipline :- Mechanical Calibration **Group** :- Mass and Volume-Volume

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	10.045	0.045	0.005	0.50
2	50	50.281	0.281	0.004	0.50
3	100	100.666	0.666	0.004	1.80

Note:
 1)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
 2) Barometric Pressure 950 mbar. Volumes are reported at 20°C.
 3) This certificate refers only to the particular item submitted for calibration.
 4) The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement.
 5) Calibration point were selected as per customer specifications.
 6) 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".
 7) The Standard used are traceable to National / International Standard.
 8) Calibration of volumetric measures done by any accredited laboratories is meant for scientific and industrial purpose only.

Calibrated By

 Calibration Engineer
 V. Salunke



Approved By

 Technical Manager
 SACHIN A. MHASAWADE

