



RELIABLE TECHNICAL SERVICES

(Division of Reliable Technocare Pvt. Ltd.)

"RELIABLE HOUSE" 497/2834-35, Sant Tukaram Nagar,
Pimpri, Pune - 411018. MH, India. Telefax : 020-27421170
Cell : 7774055755, 7774055855, 7774058855, 7774022900
Email : reliable1010@gmail.com/reliabletechnocare@gmail.com
Web. : www.reliable.world



CALIBRATION CERTIFICATE

1. CUSTOMER :-

Dr. Manisha Mishra's Pathology Laboratory
1st Floor, Near Karishma Kapda Bazar, Girls College Road,
Ansari Ward, Gondia - 411 601.
Temperature (°C) :- 23.2
Relative Humidity (%RH) :- 49.3
Condition of Item :- OK
Atmospheric Pressure :- 944.5 mbar

Page No. :- 1 of 1
NABL Accreditation No. :- CC-2927
Certificate No. :- 22.09.24.005
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. :- CC292722000007661F

2. Description of Item

Name :- Micropipette Range :- 100 to 1000 µl
Sr. No. :- -- Resolution :- 5 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	100	100.591	0.591	0.004	1.80
2	500	503.238	3.238	0.007	1.80
3	1000	1005.072	5.072	0.007	1.80

Note:

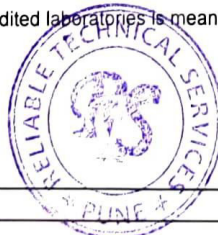
- 1) The reported uncertainty is the expanded uncertainty in measurement obtained by multiplying the standard uncertainty by the coverage factor $k=2$, which corresponds to a coverage probability of approximately 95% for normal distribution
- 2) Barometric Pressure 950 mbar. Volumes are reported at 20°C.
- 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

V. Salunke

Calibration Engineer

V. Salunke



Approved By

S.M.

Technical Manager

SACHIN A. MHASAWADE

RF-21, R0

