



RELIABLE TECHNICAL SERVICES

(Division of Reliable Technocare Pvt. Ltd.)

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CALIBRATION CERTIFICATE

1. CUSTOMER :- General Hospital Aalo, West Siang District - 791001. Temperature (°C) :- 23.4 Relative Humidity (%RH) :- 49.6 Condition of Item :- OK Atmospheric Pressure :- 944.3 mbar	Page No. :- 1 of 1 NABL Accreditation No. :- CC-2927 Certificate No. :- 23.03.08.001 Date of Received :- 08.03.2023 Date of Calibration :- 08.03.2023 Next Calibration Due On :- 07.03.2024 Location of calibration :- In lab Calibration method No. :- RTS-WI-19 Date of Issue :- 09.03.2023 ULR No. :- CC292723000002015F
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2. Description of Item			
Name :- Micropipette	Range :- 100 to 1000 µl	Id. No. :- --	Resolution :- 10 µl
Make :- Microlit	Model No. :- --	Sr. No. :- 14023224	Location :- ICTC

3. Detail of Equipment used for calibration	
Name :- WEIGHING BALANCE	Certificate No. :- 22.10.IH.004
Certified By :- RTS	ID/Sr. No. :- RTS-WBL-08
Range :- 5.1 g	Uncertainty :- ±0.008 mg
Calibration Validity :- 27.10.2023	

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	100.600	0.600	0.003	0.03
2	500	502.049	2.049	0.006	1.8
3	1000	1004.266	4.266	0.007	1.8

- 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.A.*
 Technical Manager
 SACHIN A. MHASAWADE



RF-21, R0

