

CALIBRATION CERTIFICATE

Certificate No: SRS/CL/2015/42
 Customer Name & Address: KAMMANDODI-635109,KRISHNACHIRI DISTRICT.

GOVERNMENT UNGRADED PRIMARY HEALTH CENTRE,
 KAMMANDODI-635109,KRISHNACHIRI DISTRICT.

SR# No.	SRT/2010099-0004
SR# Date	26-10-2023
Date of Receipt	25-10-2023
Date of Calibration	26-10-2023
Due Date for Calibration	25-10-2024
Issue Date	27-10-2023

Details of Unit Under Calibration

Description	MICRO PIPETTE	Make	THOMAS SCIENTIFIC
Range	100-1000µl	Model	NA
Resolution	1µl	Material	PVC
Serial Number	NA	Operating Range	100-1000µl
ID Number	NA	Condition of UUC	Good
Cal. At	Medicinal Lab	Instrument Location	LABORATORY

Environmental Condition

Temperature (°C)	23.9	Humidity (%RH)	55	National / International Standard	ISO 8635 & 2007
Atmospheric Pressure (mbars)	1006	Water Temperature (°C)	21.6	Cal Procedure No	SRS/CP/M/L/06

Standard Used

SI No	Description	ID No. / SI No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Weighing Balance	15112918	TYCIN/2012/115-01	A&D & CH-252	National Standards	09-12-2023

Result of Calibration in µl

SI No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (U)
		1	2	3	4	5				
1	100	99.94	99.96	99.87	99.95	99.90	99.96	-0.04	0.02	0.47
		99.96	99.95	99.97	99.98	99.98				
		499.85	499.82	499.83	499.82	499.81				
2	500	499.82	499.83	499.84	499.85	499.83	499.83	-0.17	0.01	0.47
		999.88	999.89	999.87	999.88	999.85				
		999.85	999.86	999.85	999.87	999.87				
3	1000	999.85	999.86	999.85	999.87	999.87	999.87	-0.13	0.01	0.47

Remarks

- This Calibration certificate shall not be reproduced except in full, without written approval of the laboratory.
- The user should determine the suitability of the instrument for its intended use.
- The recalibration interval should be determined on the user requirement.
- The results stated in this certificate relate only to the item calibrated.
- Equipment used for Calibration were calibrated & traceable to National & International Standards.
- The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00.
- Calibration Liquid Used: Distilled or Deionized water.

Calibrated by: (Calibration Engineer) M. RAGUL

Chennai
 600 032

Authorized by: Quality Manager/Chief Executive
 CHENNAI