



CALIBRATION CERTIFICATE

Certificate Number	: MES/180122/C3	ULR Number	: CC25432200000050F
Customer Details	: SEVENA HITECH LAB, PARAPPUR, THRISSUR.		
Date of Calibration	: 18/01/2022	Date of SRF	: 18/01/2022
Next Calibration Due	: 17/01/2023	Date of Issue	: 18/01/2022

DETAILS OF DEVICE UNDER CALIBRATION(DUC)

Nomenclature	: Micropipette	Serial No.	: AP20243
Make / Model	: MISPA/ACURET	ID No.	: -
Equipment Condition	: Good	Resolution	: 0 µl
Range	: 500µL	Location	: BIOCHEMISTRY

DETAILS OF MASTER EQUIPMENT USED

Nomenclature	: Electronic Precision Balance	Range	: 0 – 210 gm
Make	: Boeco	Readability	: 0.01/0.1 mg
Model	: BBC-22	Serial No.	: 27104178
Certificate No.	: TVSPL21/10/227-01	Calibration Due Date	: 05.10.2022

ENVIRONMENTAL CONDITIONS

Temperature(°C)	Relative Humidity (%)	Atmospheric Pressure (mbar)	Water Temperature(°C)
26.5	56	1004	26.6

CALIBRATION RESULTS

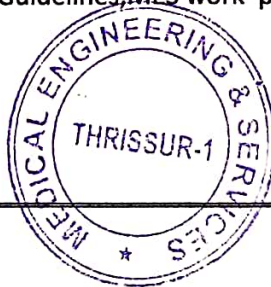
Sl. No.	Discipline : Mechanical		Parameter : Volume				
	Set Volume	Standard Value	Systematic Error	Acceptable Systematic Error	Random Error	Acceptable Random Error	Expanded Uncertainty
	µl	µl	µl	± µl	µl	± µl	± µl
1	500	500.94	-0.94	4.00	0.27	1.50	0.791

Notes: -

- The results in this certificate are only related to DUC submitted calibration and valid at the time of calibration under stated condition of measurements
- The measurement uncertainty is estimated at a confidence level of 95.45% with coverage factor k=2.
- Results in this certificate shall not be reproduced except in full without the written approval of this centre.
- Next calibration due date is mentioned as per customer requirement.
- Calibration certificate issued for scientific or industrial purpose only.
- Acceptable error limit is given as per ISO 8655-2:2002(E) Guidelines
- Calibration is carried out as per ISO 8655-6 Guidelines; MES work procedure: MES/WP/VOLUME.

Calibrated by

 Prabin KP
 (Calibration Engineer)



Authorized Signatory

 Binoj Thomas
 (Technical Manager)