

Reltec Calibration Pvt. Ltd.

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CALIBRATION CERTIFICATE

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1. Customer Name:	M/s.CLUEPATH DIAGNOSTICS LLP.,	6. Certificate No:	RCPL/23-24/ML/I5353-01
	No.19A, New High School Road, VV Puram, Bangalore – 560004	7.ULR No:	CC221523000018720F
		8.Date of Issue:	27-11-2023
2. SRF No:	15353	9.Date of Calibration:	17-11-2023
3. Date of SRF/Receipt:	17-11-2023	10. Next Cal Due:	16-11-2024
4. Discipline:	Mechanical Calibration	11. Calibration SOP no:	RCPL/SOP/ML-21
5. Calibrated At:	Mass & Volume Lab	12. Condition of DUC on Receipt:	Satisfactory
3. ENVIRONMENTA Ambient Pressure: : 4. DUC DETAILS:	L CONDITION: Temperature: 20.47 °C, 911.5 hpa, Water Temperature: 20.2 °C	Humidity: 56.58 %RH	

Nomenclature: Micropipette - & DRAGON LAB Make & Model: 100 to 1000 μl Range: Location Laboratory

YB225AX0315338 Code/ID No : CPD/EQP/04 Resolution:

Serial. No:

5 µl

15. STANDARD INSTRUMENT HSFD

Nomenclature:	Electronic Semi Micro Balance			
34-1-734 11		Serial. No:	33604236	
Make/Model:	Sartorius / CPA225D	Cal Due Date:		
Range:	0 to 220g	Cut Due Dute:	10-09-2024	
Certificate No:	TVCSPL 23/09/991-01	Traceable to:	True Value Calibration Services Pvt. Ltd., Chennai	

16. CALIBRATION RESULTS:

Parameter: Volume

SI. No.	DUC Value	Standard value	Systematic Error	Permissible Systematic Error ±	Random Error	Permissible Random Error ±	Measurement Uncertainty±
	μl	μl	μl	μl	μl	μl	
1	100	100.48	-0.48	0.80	0.10	0.30	μl
2	500	502.26	-2.26	4.00	0.26	1.50	0.16
3	1000	1004.74	200		0.20	1.50	0.46
A750	1000	1004.74	-4.74	8.00	0.12	3.00	0.46

17. REMARKS & CONCLUSION:

- a. Reported Values of DUC are Average of 10 Measuring Series.
- b. The Measurement Uncertainty is estimated at a confidence level of 95.45 % with a coverage factor k=2.0.
- c. Calibration certificate issued for Pipette is used for scientific or industrial purpose only.
- d. Calibration of pipette is done as per ISO8655-6 & Permissible Systematic & Random error are given as per ISO 8655-2
- e. Coefficient of cubic thermal expansion (°C-1 × 10-6) of Borosilicate Glass 5.0 is 15 * 10^-6.
- f. The mesurement data reported is "As found "- Without any Adjustment.
- g. This Certificate refer only to particular item submitted for Calibration.
- h. Volume at the reference temperature of 27°C, V27 from the apparent mass of water.
- i. The Std.used for calibration are calibrated and Traceable to National/International Standards.

Calibrated By

CALIBRATION ENGINEER

End of certificate

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Note: 1) This Certificate refer only to particular item submitted for calibration. 2) The Calibration results reported are valid at the time of and under the stated conditions of the measurements. 3) The Calibration Certificate shall not be reproduced except in full without prior permission of the Laboratory. 4) The certificate of calibration shall not be utilized for any legal purpose in the court of law for which no responsibility will be associated to M/s. Reltec Calibration Pvt. Ltd. 5) Any error in the certificate should be brought to our lab within 45 days from the date of issue of certificate.