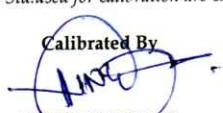




CALIBRATION CERTIFICATE

1. Customer Name:	M/s.CARE DIAGNOSTICS, 3rd Cross , Opp.ICIC Bank, Neeladri Nagar, Electronic City, Phase-1, Bangalore-100	6. Certificate No:	RCPL/20-21/ML/I2791-02				
		7.ULR No:	CC221521000000402F				
		8.Date of Issue:	23-01-2021				
2. SRF No:	I2791	9.Date of Calibration:	23-01-2021				
3. Date of SRF/Receipt:	23-01-2021	10. Next Cal Due:	22-01-2022				
4. Discipline:	Mechanical Calibration	11. Calibration SOP no:	RCPL/SOP/ML-21				
5. Calibrated At:	Mass & Volume Lab	12. Condition of DUC on Receipt:	Good				
13. ENVIRONMENTAL CONDITION : Temperature: 21.36°C , Humidity: 52.74%RH Ambient Pressure: 911.8hpa, Water Temperature: 19.6°C							
14. DUC DETAILS:							
Nomenclature :	Micropipette	Serial. No:	QW03924				
Make & Model :	ThermoScientific & Finnpiette F3	Code/ID No :	----				
Range :	100-1000 µl	Resolution:	1 µl				
15. STANDARD INSTRUMENT USED:							
Nomenclature:	Electronic Semi Micro Balance	Serial. No:	33604236				
Make / Model :	Sartorius / CPA225D	Cal Due Date:	16-09-2021				
Range :	0 to 220g	Traceable to:	True Value Calibration Services Pvt. Ltd., Chennai				
Certificate No:	TVCSP/L 20/09/818-02						
16. CALIBRATION RESULTS:							
Parameter: Volume							
Sl. No.	DUC Value	Standard value	Systematic Error	Permissible Systematic Error ±	Random Error	Permissible Random Error ±	Measurement Uncertainty±
	µl	µl	µl	µl	µl	µl	µl
1	100	99.83	0.17	0.80	0.26	0.30	0.21
2	500	503.63	-3.63	4.00	0.21	1.50	0.61
3	1000	1004.55	-4.55	8.00	0.30	3.00	0.61
17. REMARKS & CONCLUSION:							
<p>a. Reported Values of DUC are Average of 10 Measuring Series.</p> <p>b. The Measurement Uncertainty is estimated at a confidence level of 95.45 % with a coverage factor k=2.0.</p> <p>c. Calibration certificate issued for Pipette is used for scientific or industrial purpose only.</p> <p>d. Calibration of pipette is done as per ISO8655-6 & Permissible Systematic & Random error are given as per ISO 8655-2</p> <p>d. Coefficient of cubic thermal expansion (°C-1 × 10-6) of Borosilicate Glass 5.0 is 15 * 10^-6.</p> <p>e. The measurement data reported is "As found" - Without any Adjustment.</p> <p>f. This Certificate refer only to particular item submitted for Calibration.</p> <p>g. Volume at the reference temperature of 27°C, V27 from the apparent mass of water.</p> <p>h. The Std.used for calibration are calibrated and Traceable to National/International Standards.</p>							
<p>Calibrated By</p>  <p>NETRAVATI N G CALIBRATION ENGINEER</p>				<p>Authorized Signatory</p>  <p>MANJUNATH CHANDAKI DY TECHNICAL MANAGER</p>		<p>FM-GL-67</p>	