




CALIBRATION CERTIFICATE

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| 1. Customer Name: | M/s. CHRONEVA HEALTH LAB PRIVATE LIMITED., The Orclid No-68, Ground Floor, 9th main, HMT Layout, RT Nagar, Bengaluru-560032. | 6. Certificate No: | RCPL/23-24/ML/15294-03 | | | | |
|--|--|----------------------------------|--|---|--------------|----------------------------|--------------------------|
| | | 7. ULR No: | CC221523000014454F | | | | |
| | | 8. Date of Issue: | 02-11-2023 | | | | |
| 2. SRF No: | 15294 | 9. Date of Calibration: | 26-10-2023 | | | | |
| 3. Date of SRF/Receipt: | 15294 | 10. Next Cal Due: | 25-10-2024 | | | | |
| 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 | | | | |
| 13. ENVIRONMENTAL CONDITION : Temperature: 20.41 °C, Humidity: 54.88 %RH Ambient Pressure: : 910.2 hpa, Water Temperature: 20.5 °C | | | | | | | |
| 14. DUC DETAILS: | | | | | | | |
| Nomenclature : | Micro Pipette | Serial. No: | RW01081 | | | | |
| Make & Model : | Thermo Scientific & Finnppipette F3 | Code/ID No : | CHVL_BLR_MP2_007 | | | | |
| Range : | 10 to 100 µl | Resolution: | 0.2 µl | | | | |
| 15. STANDARD INSTRUMENT USED: | | | | | | | |
| Nomenclature: | Electronic Semi Micro Balance | Serial. No: | 33604236 | | | | |
| Make / Model : | Sartorius / CPA225D | Cal Due Date: | 10-09-2024 | | | | |
| Range : | 0 to 220g | Traceable to: | True Value Calibration Services Pvt. Ltd., Chennai | | | | |
| Certificate No: | TVCSP/09/991-01 | | | | | | |
| 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 | 11.0 | 11.00 | 0.00 | 0.10 | 0.06 | 0.08 | 0.16 |
| 2 | 50.0 | 49.81 | 0.19 | 0.50 | 0.03 | 0.20 | 0.16 |
| 3 | 100.0 | 100.64 | -0.64 | 0.80 | 0.06 | 0.30 | 0.16 |
| 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 measurement 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  NAGARAJ CALIBRATION ENGINEER | | | | | | | |
|  | | | |  MANJUNATH CHANBAKI DY TECHNICAL MANAGER | | | |
| *** End Of Certificate *** | | | | | | | |
| FM-GL-67 | | | | | | | |

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.