

CALIBRATION CERTIFICATE

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|-----------------------------------|---------------------------------------|-----------------------|----------------|
| CRF No. : | EQN/CRF/2307166 | Date of Calibration : | 19-Jul-23 |
| Certificate No. : | 2023-24 EQN/2307166-05 | Recom. Due Date : | 14-Jul-24 |
| ULR No. : | CC276/23/0001/0654F | | |
| Customer Details | | Calibrated at : | Lab |
| THE MEDICAL OFFICER | | Date of Receipt : | 19-Jul-23 |
| Govt Primary Health Centre, | | Cond. On Receipt : | Satisfactory |
| Pappankulam, Tiruppur District. | | Date of Issue : | 22-Jul-23 |
| Details of Test Instrument | | | |
| Description : | Micropipette | Model : | Femopipette F3 |
| Range : | 100 - 1000 μ l | Serial No. : | RW13918 |
| Least Count : | 1 μ l | Identification No. : | - |
| Make : | Thermo Scientific | Accuracy : | As Per Manual |
| Working range : | - | Location : | Lab |
| Details of Standard Used : | | | |
| Name | Certificate No. | Valid upto | Traceability |
| Mass Comparator | 2022-23 EQN/2209050-41 | 14-Sep-23 | EQN, Chennai |
| CP No. : | EQN/CP/MS-03 | Reference Standard : | ISO 6035-0 |
| Environmental Details : | Temperature : 25 \pm 2 $^{\circ}$ C | Relative Humidity : | 50- 80% RH |
| MECHANICAL CALIBRATION | | | |
| (Volume) | | | |
| Calibration Results | | | |
| I. Lower Volume : | 100 μ l | No. of Measurements : | 10 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Mean Value : | 100.302 μ l | | |
| Error Limits(a) | | | |
| Systematic Error : | 0.30 μ l | 0.60 μ l | |
| Systematic Error : | 0.30 % | 0.60 % | |
| Random Error : | 0.15 μ l | 0.30 μ l | |
| Random Error : | 0.15 % | 0.30 % | |
| Measurement Uncertainty : | \pm | 0.37 μ l | |

Calibrated by:
L. SALAMON
LSALAMON
(Calibration Engineer)



Authorised by:
K. S. GANATHAN
K. S. GANATHAN
(TM)

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