



# MESO INSTRUMENTS

Calibration Laboratory  
Plot No. Flot A,B Sowmya Apartments,  
Kazura Garden, 1St Street, Neelangarai, Chennai - 600 115.



NABL ACCREDITED LABORATORY  
CC - 3089

## CALIBRATION CERTIFICATE

ULRNO:CC30892000001666F

<b>Customer &amp; Address</b>	<b>M/s. The Medical Officer</b> Government Perumathur PHC, Perambalur DT.	<b>Cert.No</b>	MIT22-23/190-9
		<b>Date of Issue</b>	27-09-2023
		<b>Page No</b>	1 of 1

### Detail of Device Under Calibration (DUC)

<b>Nomenclature</b>	Micro pipette		
<b>Make/Model</b>	Thermo scientific	<b>Received Date</b>	22-9-2023
<b>Sl.No</b>	Finn pipette- F3	<b>Cal. Date</b>	<b>24-09-2023</b>
<b>ID.No</b>		<b>Due Date</b>	<b>23-09-2024</b>
<b>Range</b>	10-100 micro litter	<b>Condition of Receipt</b>	Functional
<b>Resolution</b>	0	<b>Location</b>	lab

THE MASTERS ARE TRACEABLE TO NATIONAL/INTERNATIONAL STANDARDS AS PER ISO/IEC 17025.

### 2.DETAILS OF MASTER USED

Standard Instrument Used	Make/ Model	Id No	Traceable To/Certificate No
Multi Product Calibrator	Fluke	Rm1-262	Wavecal, Blr/Cs-18/01-01
Micro balance	mettler toledo/XP26PC	QP-01	B115129039/CC-2523
Universal Measuring Instrument With Sensor For Environmental With Sensor For Environmental Parameter	ALMEMO/2590-4A5	QP-10	H19070544/CC-2052

### Calibration Results

CALIBRATION FIELD: WEIGHT Calibration					
Sl.no	Range	Master readings	Calibrated values	Error observed	Uncertainty
	micro litter	micro litter			
1	100-1000 micro litter	10	9.9	0.1	0.055
2	100-1000 micro litter	50	49.9	0.1	0.055
3	100-1000 micro litter	80	79.9	0.1	0.055
4	100 1000 micro litter	90	89.9	0.1	0.055
5	100-1000 micro litter	100	99.9	0.1	0.055

### Remarks

1. This certificate shall not be reproduced, except in full, without written approval from the laboratory.
2. The recalibration interval should be determined based on the user's requirements.
3. The user should determine the suitability of the instrument for its intended use.
4. The results stated in this certificate relate only to the item calibrated.
5. The calibration points are taken as per customer requirement.

Calibrated by: R.Manikandan

E.Deenadayalan  
**Authorised Signatory**