

ROOTS INDUSTRIES INDIA LIMITED

ROOTS METROLOGY & TESTING LABORATORY

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CALIBRATION CERTIFICATE

ULR Number: CC275219000083790F

Name and address of the customerCertificate no: Rmtl/01/319107823/18The Medical OfficerDate of calibration:14/09/2023Government Primery Health CentreSuggested calibration due: 13/09/2024KASANKADU-thanjavur (dist)Customer po .reference.& date:

1.DESCRIPTION OF DUC

Name Of The Duc: pipette Receiving Condition Of Duc :Good

Make : THERMO SCIENTIFIC Ref. Document :As Per Manufactures Specification

Model : FINEPIPETTE Environmental Condition :25.3 Deg & 54.3% Rh

Sl.No : RW10076 Uncertainty Of Measurement :As Per Report

Range/Size : 10-100 micro litter Location :lab

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

2.DETAILS OF MASTER USED

Standard Instrument Used	Make/ Model	ld No	Traceable To/Certificate No	Validity
Multi Product Calibrator	Fluke	Rml-262	Wavecal, Blr/Cs-18/01-01	1-6-2024
Micro balance	mettle toledo/XP26PC	QP-01	B115129039/CC-2523	1-6-2024
Universal Measuring Instrument	ALMEMO/2590-4AS	QP-10	H19070544/CC-2052	1-6-2024
With Sensor For Envirnmental				
Parameter				

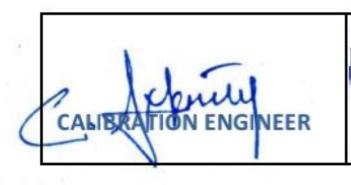
CALIBRATION FIELD: WEIGHT Calibration

Sl.no	Range	Master readings micro litter	Calibrated values micro litter	Error observed micro litter	Uncertainty
1	10-100 micro litter	10	9.9	20 30	0.055
1				0.1	
2	10-100 micro litter	50	49.9	0.1	0.055
3	10-100 micro litter	80	79.9	0.1	0.055
4	10-100 micro litter	90	89.9	0.1	0.055
5	10-100 micro litter	100	99.9	0.1	0.055

4.remarks

- 4.1 uncertainty estimated for a confidence level of 95% at the k factor=2
- 4.2the reported results are valid only for the condition of the inst./gauge received at the time of and under the condition of the calibration
- 4.3 DUC -device under calibration

Calibration label /status : Calibration result pass & fail are indicated





AUTHORIZED SIGN

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