

**ROOTS INDUSTRIES INDIA LIMITED** 

ROOTS METROLOGY & TESTING LABORATORY

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## CALIBRATION CERTIFICATE

	ULR Number: CC27521900008379		
Name and address of the customer	Certificate no : Rmtl/01/319107848/25		
The Medical Officer	Date of calibration :10/03/2023		
Government Primary Health Centre	Suggested calibration due : 10/03/2024		
Karaiyur – pudukkottai( dist)	Customer po .reference.& date:		
1.DESCRIPTION OF DUC			
Name Of The Duc: pipette	Receiving Condition Of Duc :Good		
Make:	Ref. Document :As Per Manufactures Specificatio		
Model	Environmental Condition :25.3 Deg & 54.3% Rh		
SI.No	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	1-6-2023	
Micro balance	mettle toledo/XP26PC	QP-01	B115129039/CC-2523	1-6-2023	
Universal Measuring Instrument With Sensor For Envirnmental	ALMEMO/2590-4AS	QP-10	H19070544/CC-2052	1-6-2023	
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	0.1	0.055
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





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