



ROOTS INDUSTRIES INDIA LIMITED
ROOTS METROLOGY & TESTING LABORATORY
 R.K.G Industrial Estate, Ganapathy, Coimbatore-641006,India
 Phone :9585840192/9003432356



CALIBRATION CERTIFICATE

ULR Number: CC275219000083790F

Name and address of the customer The Medical officer Government Primary Health Centre Ponbethi-Pudhukottai(dist)	Certificate no	: Rmtl/01/319107848/68
	Date of calibration	:06/08/2023
	Suggested calibration due	: 05/08/2024
	Customer po .reference.& date:	

DESCRIPTION OF DUC

Name Of The Duc: pipette	Receiving Condition Of Duc :Good
Make : THERMOSCIENTIFIC	Ref. Document :As Per Manufactures Specification
Model :Finn pipette	Environmental Condition :25.3 Deg & 54.3% Rh
Sl.No :RW10823	Uncertainty Of Measurement :As Per Report
Range/Size : 100-1000 micro liter	Location :lab

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

DETAILS OF MASTER USED

Standard Instrument Used	Make/ Model	Id No	Traceable To/Certificate No	Validity
Multi Product Calibrator	Fluke	Rml-262	Wavecal, Blr/Cs-18/01-01	1-6-2024
Micro balance	mettler toledo/XP26PC	QP-01	B115129C39/CC-2523	1-6-2024
Universal Measuring Instrument With Sensor For Environmental Parameter	ALMEMO/2590-4AS	QP-10	H19070544/CC-2052	1-6-2024

CALIBRATION FIELD: WEIGHT Calibration

Sl.no	Range	Master readings micro litter	Calibrated values micro litter	Error observed micro litter	Uncertainty
1	100-1000 micro litter	100	99.9	0.1	0.055
2	100-1000 micro litter	500	499.9	0.1	0.055
3	100-1000 micro litter	800	799.9	0.1	0.055
4	100-1000 micro litter	900	899.9	0.1	0.055
5	100-1000 micro litter	1000	999.9	0.1	0.055

remarks

uncertainty estimated for a confidence level of 95% at the k factor=2

the reported results are valid only for the condition of the inst./gauge received at the time of and under the condition of the calibration

DUC –device under calibration

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