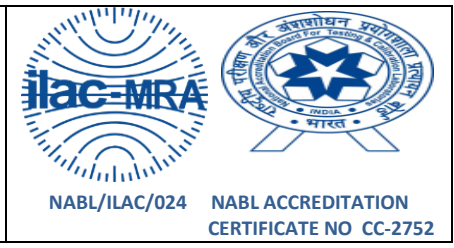




ROOTS INDUSTRIES INDIA LIMITED
ROOTS METROLOGY & TESTING LABORATORY
 R.K.G Industrial Estate, Ganapathy, Coimbatore-641 006,India
 Phone : 9688762679



CALIBRATION CERTIFICATE

ULR Number: CC275219000083790F

Name and address of the customer The Medical Officer Government Urban Primery Health Centre Thiruvarur(dist)	Certificate no : Rmtl/01/319107850/78
	Date of calibration : 27/09/2023
	Suggested calibration due : 26/09/2024
	Customer po .reference.& date:

1.DESRIPTION OF DUC

Name Of The Duc: pipette	Receiving Condition Of Duc : Good
Make : thermo scientific	Ref. Document :As Per Manufactures Specification
Model : finnpipette f3	Environmental Condition :25.3 Deg & 54.3% Rh
Sl.No : NA	Uncertainty Of Measurement :As Per Report
Range/Size : 10-50 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	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	B115129039/CC-2523	1-6-2024
Universal Measuring Instrument With Sensor For Envirmental 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	10-50 micro litter	10	9.9	0.1	0.055
2	10-50 micro litter	50	49.9	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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CALIBRATION CERTIFICATE

ULR Number: CC275219000083790F

Name and address of the customer The Medical Officer Government Urban Primery Health Centre Thiruvarur(dist)	Certificate no : Rmtl/01/319107850/79
	Date of calibration : 27/09/2023
	Suggested calibration due : 26/09/2024
	Customer po .reference.& date:

1.DESCRPTION OF DUC

Name Of The Duc : MICROSCOPE	Receiving Condition Of Duc : Good
Make : BINOCULAR	Ref. Document :As Per Manufactures Specification
Model : NA	Environmental Condition :25.3 Deg & 54.3% Rh
Sl.No : 007779	Uncertainty Of Measurement :As Per Report
Range/Size : 230v	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	Id No	Traceable To/Certificate No	Validity
Decade Megohm	Vaisashika	Rml-230	Vaiseshika,Ambala Cantt/Ved/Nabl/18-19(Et)/92	1-6-2024
Multi Product Calibrator	Fluke	Rml-262	Wavecal,Blr/Cs-18/01-01	1-6-2024
Multi Product Calibrator (Ac/Dc Current Coil)	Transmille	Rml-252-1	Wavecal,Blr/Cs-18/69-01	1-6-2024
Leakage Current Tester	Htc/CI-2054	Rml-254-1	Rmtl/01/319107848	1-6-2024

CALIBRATION FIELD: Electro Technical (Voltage Calibration -Ac)

Sl.no	Range	Master readings v	Calibrated values v	Error observed v	Uncertainty v
1	0 v to 400v	230	231	1	0.055

CURRENT CALIBRATIONAc Current @50Hz

Sl.no	Range	Master readings mA	Calibrated values mA	Error observed mA	Uncertainty mA
1	40Ma-100A	2	2.002	-0.002	0.045

Resistance calibration

Sl.no	Range	Master readings ohms	Calibrated values ohms	Error observed ohms	Uncertainty Ohms
1	40	39	39.01	0.001	0.007

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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