

	<p align="center">ROOTS INDUSTRIES INDIA LIMITED ROOTS METROLOGY & TESTING LABORATORY R.K.G Industrial Estate, Ganapathy, Coimbatore-641 006,India Phone :9003432356</p>	 <p align="center">NABL/ILAC/024 NABL ACCREDITATION CERTIFICATE NO CC-2752</p>
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CALIBRATION CERTIFICATE

ULR Number: CC275219000083790F

Name and address of the customer The Medical Officer Government Primery Health Centre KARAMBAYAM –thanjavur (dist)	Certificate no : Rmtl/01/319107831/21 Date of calibration :11/8/2023 Suggested calibration due : 10/8/2024 Customer po .reference.& date:
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1.DESCRPTION OF DUC

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

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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1.DESRIPTION OF DUC

Name Of The Duc : CENTRIFUGE Make: LABOTECH Model : BDI 152 Sl.No : NA Range/Size : 1-4000RPM/230v	Receiving Condition Of Duc :Good Ref. Document :As Per Manufactures Specification Environmental Condition :25.3 Deg & 54.3% Rh Uncertainty Of Measurement :As Per Report Location :lab
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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
Digital Tachometer	Mextec	Rml-251	Gsg/19/206/Tm/01	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)	Transmile	Rml-252-1	Wavecal,Blr/Cs-18/69-01	1-6-2024
Leakage Current Tester	Htc/Cl-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

CALIBRATION FIELD: RPM Calibration

Sl.no	Range	Master readings RPM	Calibrated values RPM	Error observed RPM	Uncertainty RPM
1	1RPM to 4000RPM	1600RPM	1599RPM	1RPM	0.055



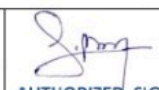
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	Date of calibration :11/8/2023
	Suggested calibration due : 10/8/2024
	Customer po .reference.& date:

1.DESCRPTION OF DUC

Name Of The Duc: SEMI AUTO ANALYSER Make: ROBONIK Model : PRIETEST TOUCH Sl.No : ATCD3781220RBK Range/Size : 230v	Receiving Condition Of Duc :Good Ref. Document :As Per Manufactures Specification Environmental Condition :25.3 Deg & 54.3% Rh Uncertainty Of Measurement :As Per Report Location :lab
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Multi Product Calibrator	Fluke	Rml-262	Wavecal,Blr/Cs-18/01-01	1-6-2024
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CURRENT CALIBRATIONAc Current @50Hz

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Dr.B.Kalaivani MBBS,DPH., Deputy Director		Deputy Director of Health Services, Thanjavur.
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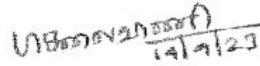
LEGAL IDENTITY CERTIFICATE

19.09.2023

This is to certify that the following Primary Health Centre is functioning under the Department of Public Health and Preventive Medicine, Government of Tamil Nadu.

Name of the District	Name of the Health Unit District	Name of the Block	Name of the Primary Health Centre
Thanjavur	Thanjavur	Pattukottai	Karambayam

This certificate is issued for submitting the Application for the "NABL Medical Entry Level Testing M (EL) T Labs Program.


19/9/23

Deputy Director of Health Services,
Thanjavur District.
