

**ROOTS INDUSTRIES INDIA LIMITED** 

**ROOTS METROLOGY & TESTING LABORATORY** 

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## **CALIBRATION CERTIFICATE**

## ULR Number: CC275219000083790F

:lab

Name and address of the custo	omer Certificate no	: Rmtl/01/319107831/4			
The Medical Officer	Date of calibration	:11/8/2023			
Government Primery Health Ce	entre Suggested calibration	on due : 10/8/2024			
PINNAVASAL-thanjavur (dist)	Customer po .refere	Customer po .reference.& date:			
1.DESCRIPTION OF DUC					
Name Of The Duc: MICROSCO	OPE Receiving Condition	Of Duc :Good			
Make : LABON	MED Ref. Document	:As Per Manufactures Specification			
Model : VISION	1 2000 Environmental Cond	dition :25.3 Deg & 54.3% Rh			
<b>SI.No</b> : 21123	5122 Uncertainty Of Mea	surement :As Per Report			

Range/Size Location 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
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/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

: 230v

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

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

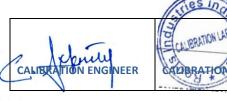
## 4.remarks

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





port AUTHORIZED SIGN

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