

ROOTS INDUSTRIES INDIA LIMITED

ROOTS METROLOGY & TESTING LABORATORY

R.K.G Industrial Estate, Ganapathy, Coimbatore-641 006, India Phone: 9585840192/9003432356





CALIBRATION CERTIFICATE

ULR Number: CC275219000083790F

Name and address of the customer

The Medical officer

Government Primary Health Centre, Natchandupatti

-Pudhukottai(dist)

Certificate no Date of calibration

: Rmtl/01/319107848/55 :05/08/2023

Suggested calibration due

: 04/08/2024

Customer po .reference.& date:

DESCRIPTION OF DUC

Name Of The Duc: pipette

Make: THERMOSCIENTIFIC

Model :Finnpipette Sl.No :Rw10929

Range/Size

10-100 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

THE MASTERS ARE TRACEABLE TO NATIONAL/INTERNATIONAL STANDARDS AS PER ISO/IEC 17025. DETAILS OF MASTER USED

| Standard Instrument Used | Make/ Model | ld No | Traceable To/Certificate No | Validity |
|---|----------------------|---------|-----------------------------|----------|
| Multi Product Calibrator | Fluke | RmI-262 | Wavecal,Blr/Cs-18/01-01 | 1-6-2024 |
| Micro balance | mettle toledo/XP26PC | QP-01 | B115129039/CC-2523 | 1-6-2024 |
| Universal Measuring Instrument With Sensor For Envirnmental Parameter | ALMEMO/2590-4AS | QP-10 | H19070544/CC-2052 | 1-6-2024 |

CALIBRATION FIELD: WEIGHT Calibration

| Sl.no | Range | Master readings | Calibrated values | Error observed | Uncertainty |
|-------|---------------------|-----------------|-------------------|----------------|----------------|
| | | micro litter | micro litter | micro litter | 3851 A 121 1 * |
| 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 |

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

CALIBRATION ENGINEER



AUTHORIZED SIGN

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