

ADDING VALUE

ROOTS INDUSTRIES INDIA LIMITED
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CALIBRATION CERTIFICATE

ULR Number: CC275219000083790F

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| Name and address of the customer The Medical officer Government Primary Health Centre Keeramangalam-Pudhukottai(dist) | Certificate no : Rmtl/01/319107849/23 Date of calibration : 04/08/2023 Suggested calibration due : 03/08/2024 Customer po .reference & date: |
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DESCRIPTION OF DUC

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| Name Of The Duc: pipette Make : THERMOSCIENTIFIC Model : Finn pipette Sl.No : Rw10601 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 |
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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 | B115129039/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 |
|-------|---------------------|---------------------------------|-----------------------------------|--------------------------------|-------------|
| | | | | 0.1 | 0.055 |
| 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

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