



EURO CALIBRATION TECHNIQUE

No. 387, IInd Floor, TIC Road, Varadharajapuram,
Ambattur, Chennai-600 053. Tamil Nadu
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CERTIFICATE OF CALIBRATION

Certificate Number : ECT 2021/0239- 09
ULR Number : CC2519 21 0 00002439F

Date of Issue : 15-Mar-2021
Pages : 1 of 2

Customer Name and Address
M/s. Indira Gandhi Medical College & Research Institute,
Ground Floor, Hospital Block,
Department Of Microbiology,
ICTC IGMC, Kathirkammam,
Puducherry- 605 009.
Customer Reference : Work Order

SRF Number : 2021/0239
Reciept Date : 12-Mar-2021
Date of Calibration : 12-Mar-2021
Suggested calibration Due Date : 11-Mar-2022
Calibrated at In House

Calibration Procedure : ECT/WI-M-06

Equipment Under Calibration

Physical Condition : Good

Name : Micropipette
Make : Finnpiette
Model : 4027
S.No : J33810
ID No. : IGMC/ICTC/PIPETTE/01
Range : 5 to 50 μ l
Accuracy : As Per Manual
Location : --

Environmental Conditions

Temperature 25.0 $^{\circ}$ C Relative Humidity 55.9 %RH Atmosphere Pressure 1000 mbar

Standard Equipment used for Calibration

S.No	Standard Instrument	Serial No	Certificate number	Validity
1	Semi Microbalance	31504484	TVC SPL 20/10/882-04	30.09.2021

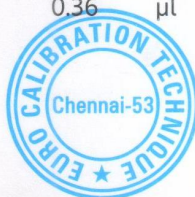
Calibration Results

Parameter - Mechanical / Volume

1. Volume Measurement for Low value 10 μ l
Number of Measurements taken is 10

Measurements									
μ l									
1	2	3	4	5	6	7	8	9	10
9.82	9.80	9.87	9.79	9.82	9.92	9.68	9.59	9.75	9.81

Mean Volume 9.79 μ l
Systematic Error -0.22 μ l
Random Error 0.09 μ l
Measurement Uncertainty \pm 0.36 μ l



Authorized Signatory
K.ABDUL VAJITH / R.SATHYAKALA

Checked By

REMARKS: 1. Calibration certificate traceable to National / international standards which realize the units of measurement according to the international system of units (SI).
2. This certificate shall not be reproduced except in full without return approval of Euro Calibration Technique. 3. The Calibration results reported in the certificate as valid at the time of and under the stated condition of measurement for the particular equipment. 4. Next Calibration due date mentioned as per the customer requirement. 5. The measurement confidence level is 95% for a coverage factor k=2. 6. Calibration certificate issued for weights & measure parameter i.e mass, balance, volumetric equipments are for scientific or industrial purpose only.



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2. Volume Measurement for Low value 20 μ l
Number of Measurements taken is 10

Measurments									
μ l									
1	2	3	4	5	6	7	8	9	10
20.06	20.08	20.07	19.68	19.92	19.93	19.82	19.79	17.86	19.83

Mean Volume 19.70 μ l
Systematic Error -0.30 μ l
Random Error 0.66 μ l
Measurement Uncertainty \pm 0.36 μ l

3. Volume Measurement for Low value 50 μ l
Number of Measurements taken is 10

Measurments									
μ l									
1	2	3	4	5	6	7	8	9	10
49.78	49.83	49.82	49.69	49.78	49.86	49.86	49.85	49.91	49.86

Mean Volume 49.82 μ l
Systematic Error -0.18 μ l
Random Error 0.06 μ l
Measurement Uncertainty \pm 0.36 μ l

Checked By 



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K.ABDUL VAJITH / R.SATHYAKALA

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