

EURO CALIBRATION TECHNIQUE

No. 387, Hnd Floor, TIC Road, Varadharajapuram, Ambattur, Chennal-600 053. Tamil Nadu Tel: 044-48521288 Mobile: 9486195184, 9176032184





CERTIFICATE OF CALIBRATION

Certificate Number: ECT 2022/0531- 01

CC2519 22 0 00004953F

Customer Name and Address

M/s. Government Hospital Musini,

ICTC Laboratory.

Trichy Road, Musiri,

Trichy - 621 211.

Date of Issue: 24-Jun-2022

: 1 of 2 Pages

SRF Number: 2022/0531

Reciept Date: 24-Jun-2022

Date of Calibration : 24-Jun-2022

Suggested calibration Due Date : 23-Jun-2023

Calibrated at

In House

Customer Reference: Work Order

Calibration Procedure : ECT/WI-M-06

Equipment Under Calibration

Physical Condition: Good

Name

ID No

: Micropipette

Make

: i-Pette

Model

S.No

: ST-92838

Accuracy

Range

: As Per Manual

: 20 to 200 µl

Location

Environmental Conditions

Temperature

25.9 °C

Relative Humidity

54.2 %RH Atmosphere Pressure

1000 mbar

Standard Equipment used for Calibration

S.No	Standard Instrument	Serial No	Serial No Certificate number	
1	Electronic Semi Micro Balance	31504484	TVCSPL 21/09/1172-01	29.09.2022

Calibration Results

Parameter - Mechanical / Volume

1. Volume Measurement for Low Range μl Number of Measurements taken is 10

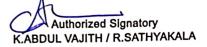
Measurments										
μί										
1	2	3	4	5	6	7	8	9	10	
19.95	19.83	19.90	19.89	19.93	19.97	19.99	19.84	19.95	19.98	

19.92 Mean Volume μl -0.08μl Systematic Error 0.06 μl Random Error

Measurement Uncertainty±

0.36 μl







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, ECT balance, volumetric equipments are for scientific or industrial purpose only.



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Pages

: 2 of 2

2. Volume Measurement for Middle Range 100 µl Number of Measurements taken is 10

Measurments									
μι									
1	2	3	4	5	6	7	8	9	10
100.08	100.01	100.06	100.11	100.18	100.05	100.17	100.08	100.06	100.15

Mean Volume 100.10 μl
Systematic Error 0.09 μl
Random Error 0.06 μl
Measurement Uncertainty± 2.00 μl

3. Volume Measurement for High Range $\,$ 200 $\,$ $\,$ μ l Number of Measurements taken is 10

Measurments									
μί									
1	2	3	4	5	6	7	8	9	10
199.89	199.91	199.94	199.99	199.89	199.97	199.95	199.83	199.99	199.89

Mean Volume 199.93 μl
Systematic Error -0.07 μl
Random Error 0.05 μl
Measurement Uncertainty± 2.00 μl





