



# 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- 12

Date of Issue : 15-Mar-2021

ULR Number : CC2519 21 0 00002442F

Pages : 1 of 2

Customer Name and Address

SRF Number : 2021/0239

M/s. Rajiv Gandhi Women & Children Hospital,

Reciept Date : 12-Mar-2021

PPTCT RGGW, Department of Gynaecology

Date of Calibration : 12-Mar-2021

Ellaipailachavady,

Suggested calibration Due Date : 11-Mar-2022

Puducherry- 605 005.

Calibrated at In House

Customer Reference : Work Order

Calibration Procedure : ECT/WI-M-06

Equipment Under Calibration

Physical Condition : Good

Name : Micropipette

Make : Accuret

Range : 20 to 200 µl

Model : --

S.No : --

Accuracy : As Per Manual

ID No. : PPTCT/RGGWCH/PDY/INS NO.4

Location : --

### Environmental Conditions

Temperature 25.4 °C

Relative Humidity 55.0 %RH

Atmosphere Pressure

1000 mbar

### Standard Equipment used for Calibration

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

### Calibration Results

Parameter - Mechanical / Volume

1. Volume Measurement for Low value 20 µl

Number of Measurements taken is 10

Measurments									
µl									
1	2	3	4	5	6	7	8	9	10
20.02	20.01	19.73	19.78	19.83	19.55	19.68	19.78	19.52	19.82

Mean Volume 19.77 µl

Systematic Error -0.23 µl

Random Error 0.17 µl

Measurement Uncertainty± 0.36 µl



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, length, force, etc. for industrial purposes only.



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2. Volume Measurement for Low value 100  $\mu$ l  
Number of Measurements taken is 10

Measurements									
$\mu$ l									
1	2	3	4	5	6	7	8	9	10
100.06	100.04	99.79	99.83	99.89	99.79	99.75	99.88	99.92	99.94

Mean Volume 99.89  $\mu$ l  
Systematic Error -0.11  $\mu$ l  
Random Error 0.10  $\mu$ l  
Measurement Uncertainty $\pm$  0.36  $\mu$ l

3. Volume Measurement for Low value 200  $\mu$ l  
Number of Measurements taken is 10

Measurements									
$\mu$ l									
1	2	3	4	5	6	7	8	9	10
199.92	199.85	199.78	199.82	199.86	199.82	199.89	199.83	199.92	199.94

Mean Volume 199.86  $\mu$ l  
Systematic Error -0.14  $\mu$ l  
Random Error 0.05  $\mu$ l  
Measurement Uncertainty $\pm$  2.00  $\mu$ l

  
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