

# EURO CALIBRATION TECHNIQUE

No. 387, IInd Floor, TIC Road, Varadharajapuram, Ambattur, Chennai-600 053. Tamil Nadu Tel: 044-48521288 Mobile: 9486195184, 9176032184 E-mail:eurocalibration@gmail.com web:www.eurocalibration.com





CERTIFICATE OF CALIBRATION

Certificate Number: ECT 2021/0239- 15

ULR Number: CC2519 21 0 00002445F

Customer Name and Address

M/s. ICTC JIPMER,

Institute Block, Opp to Admin Block,

ICTC JIPMER,

Puducherry - 605 006.

Date of Issue: 15-Mar-2021

Pages : 1 of 2

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

Customer Reference: Work Order

Calibration Procedure: ECT/WI-M-06

**Equipment Under Calibration** 

Physical Condition: Good

Name

: Micropipette

Make Model

ID No.

: Erba Biohit

: --

S.No

: 6121537

: JIP/HIV/ICTC/MICRO-PIPETTE/001

Accuracy

Range

: As Per Manual

: 20 to 200 µl

Location

**Environmental Conditions** 

Temperature

25.8 °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

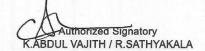
Parameter - Mechanical / Volume

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

				Measu	rments				
μl									
1	2	3	4	5	6	7	8	9	10
20.06	19.98	19.95	19.85	19.78	19.68	19.62	19.77	19.93	19.95

Mean Volume 19.86 μl Systematic Error -0.14μl Random Error 0.14 μΙ 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, balance, volumetric equipments are for scientific or industrial purpose only.



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

Measurments										
μl										
1	2	3	4	5	6	7	8	9	10	
99.75	99.82	99.93	99.81	99.78	99.79	99.69	100.07	100.09	100.01	

Mean Volume 99.87 μl Systematic Error -0.13μl Random Error 0.14 μl Measurement Uncertainty± 0.36 ul

3. Volume Measurement for Low value 200 μl Number of Measurements taken is 10

El Su			v	Measu	rments		70 19 (			
	μί									
1	2	3	4	5	6	7	8	9	10	
199.82	199.77	199.68	199.59	199.89	199.72	199.52	199.78	199.86	199.89	

Mean Volume 199.75 μl Systematic Error -0.25 μl Random Error 0.13 μl Measurement Uncertainty± 2.00 μl





orized Signatory BDUL VAJITH / R.SATHYAKALA