



# ESSJAY TECHNOMEASURE PVT. LTD.

(A House of Calibration Engineering & Allied Services)

AN NABL ACCREDITED, ISO 9001 & OHSAS 18001 CERTIFIED ORGANISATION  
Apartment No. : D 1, 3rd Floor, 36, Kantapukur 3rd Bye Lane, Howrah - 711 701  
Ph.: 033 26670835, 9674756762, website : www.technomeasurenabl.com  
E-mail : technomeasure@gmail.com

DOC No. : TM/CALI/04



CC-2628

## Calibration Certificate

Issued to :

M/s. Seroplasma Speciality Laboratory.  
125/116 Lalit Gupta Street, Kolkata.

ULR NO.: CC262821000068206F

Certificate No.: 2112249/S975(E)/03

Date : 31.12.2021

Date of Calibration	Recommended Due On (as agreed with customer)	Page No. :
30.12.2021	30.12.2022	1 of 1

Location of Calibration : At Lab  
Date of Receipt : 29.12.2021  
Description of instrument : Digital Temperature Sensor Model: TPM10  
Make : Aptechdeals  
Range: (-)50 °C to 110 °C  
L.C : 0.1 °C

Identification Number of Instrument : SSL/DTM-06  
Method Used : As per Work Instruction WI- 01,  
(Sec No.: QWI - 16, Rev. No.:2, Rev. Date:30.12.2019)  
Sec No.:QWI/TH/ANNEX-I Rev No.:1, Rev Date:26.12.2017

### Details of Major Equipment used for Calibration

Description	Traceability Certificate No. & Issue Date	Valid upto	Calibration Agency
RTD	TL/021/730.1.1, Dated : 30.07.2021	28.07.2022	Tempens Calibration Center
Digital True RMS Multimeter	ETM/INTER/CALI/21/DMM-01 Date : 20.04.2021	20.04.2022	ETM

Traceability: Standards used for calibration are traceable to National Standards through NABL accredited laboratory

Customer's Specification : Not Provided by the Customer.

Environmental conditions of measurement : Temperature: 25±2.5°C Humidity: (45 to 75)% RH

### Thermal Calibration Calibration Results

Sl. No.	Average observed reading in °C		Error in °C	Measurement Uncertainty at 95% C.L (± in °C) (k=1.96)
	DUC*	Standard		
1	-29.4	-29.15	-0.25	0.88
2	50.4	50.83	-0.43	
3	100.2	100.74	-0.54	

- Remarks: 1. The Instrument is visually checked & found OK, DUC\* = Device Under Calibration, Std.\* = Standard  
2. This calibration certificate refers to the value observed at the time of and under the stated conditions measured  
3. This certificate should not be produced other than a full with written approval from the head of the calibration laboratory  
4. The above results relate only to the item calibration.

-----END OF CERTIFICATE-----

*Bishal Gupta*  
Calibrated By  
**Bishal Gupta**  
(Calibration Engineer)



*D. K. Sarkar*  
Authorised Signatory  
**D. K. Sarkar**  
Quality Cum Technical Manager





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CC-2628

## Calibration Certificate

Issued to :

M/s. Seroplasma Speciality Laboratory.

125/116 Lalit Gupta Street, Kolkata.

ULR NO.: CC262821000068207F

Certificate No.: 2112249/S975(E)/04

Date : 31.12.2021

Date of Calibration	Recommended Due On (as agreed with customer)	Page No. :
30.12.2021	30.12.2022	1 of 1

Location of Calibration

: At Lab

Date of Receipt

: 29.12.2021

Description of instrument

: Digital Temperature Sensor Model: TPM10

Make : Aptechdeals

Range: (-)50 °C to 110 °C

L.C : 0.1 °C

Identification Number of Instrument

: SSL/DTM-07

Method Used

: As per Work Instruction WI- 01,

(Sec No.: QWI - 16, Rev. No.:2, Rev. Date:30.12.2019)

Sec No.: QWI/TH/ANNEX-I Rev No.:1, Rev Date:26.12.2017

### Details of Major Equipment used for Calibration

Description	Traceability Certificate No. & Issue Date	Valid upto	Calibration Agency
RTD	TL/021/730.1.1, Dated : 30.07.2021	28.07.2022	Tempens Calibration Center
Digital True RMS Multimeter	ETM/INTER/CALI/21/DMM-01 Date : 20.04.2021	20.04.2022	ETM

Traceability: Standards used for calibration are traceable to National Standards through NABL accredited laboratory

Customer's Specification

: Not Provided by the Customer.

Environmental conditions of measurement

: Temperature: 25±2.5°C Humidity: (45 to 75)% RH

### Thermal Calibration

#### Calibration Results

Sl. No.	Average observed reading in °C		Error in °C	Measurement Uncertainty at 95% C.L (± in °C) (k=1.96)
	DUC*	Standard		
1	-29.4	-29.17	-0.23	0.88
2	50.4	50.84	-0.44	
3	100.2	100.76	-0.56	

Remarks:1. The Instrument is visually checked &amp; found OK, DUC\* = Device Under Calibration, Std.\* = Standard

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3. This certificate should not be produced other than a full with written approval from the head of the calibration laboratory

4. The above results relate only to the item calibration.

-----END OF CERTIFICATE-----

*Bishal Gupta*  
 Calibrated By  
**Bishal Gupta**  
 (Calibration Engineer)



*D. K. Sarkar*  
 Authorised Signatory  
**D. K. Sarkar**  
 Quality Cum Technical Manager

Branch Office : Guwahati • Jamshedpur • Coochbehar





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DOC No.: TM/CALI/04



CC-2628

## Calibration Certificate

Issued to :  
M/s. Seroplasma Speciality Laboratory.  
125/116 Lalit Gupta Street, Kolkata.

ULR NO.: CC262821000068208F

Certificate No.: 2112249/S975(E)/05

Date : 31.12.2021

Date of Calibration	Recommended Due On (as agreed with customer)	Page No. :
30.12.2021	30.12.2022	1 of 1

Location of Calibration : At Lab  
 Date of Receipt : 29.12.2021  
 Description of instrument : Digital Temperature Sensor Model: TPM10  
 Make : Aptechdeals  
 Range: (-)50 °C to 110 °C  
 L.C : 0.1 °C  
 Identification Number of Instrument : SSL/DTM-08  
 Method Used : As per Work Instruction WI- 01,  
 (Sec No.: QWI - 16, Rev. No.:2, Rev. Date:30.12.2019)  
 Sec No.: QWI/TH/ANNEX-I Rev No.:1, Rev Date:26.12.2017

### Details of Major Equipment used for Calibration

Description	Traceability Certificate No. & Issue Date	Valid upto	Calibration Agency
RTD	TL/021/730.1.1, Dated : 30.07.2021	28.07.2022	Tempsens Calibration Center
Digital True RMS Multimeter	ETM/INTER/CALI/21/DMM-01 Date : 20.04.2021	20.04.2022	ETM

Traceability: Standards used for calibration are traceable to National Standards through NABL accredited laboratory

Customer's Specification : Not Provided by the Customer.  
 Environmental conditions of measurement : Temperature: 25±2.5°C Humidity: (45 to 75)% RH

### Thermal Calibration Calibration Results

Sl. No.	Average observed reading in °C		Error in °C	Measurement Uncertainty at 95% C.L ( ± in °C) (k=1.96)
	DUC*	Standard		
1	-29.4	-29.19	-0.21	0.88
2	50.4	50.82	-0.42	
3	100.2	100.73	-0.53	

Remarks: 1. The Instrument is visually checked & found OK, DUC\* = Device Under Calibration, Std.\* = Standard  
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