

## CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/01478

Page. No : 1 of 1

**Customer Name & Address**

GOVERNMENT PRIMARY HEALTH CENTRE,  
RAJADHANLANDIPATTI-625512, THENI DISTRICT.

SRF No.	SRF/23/00056-0001
SRF Date	13-02-2023
Date of Receipt	13-02-2023
Date of Calibration	13-02-2023
Due Date for Calibration	12-02-2024
Issue Date	14-02-2023

**Details of Unit Under Calibration**

Description	Micro Pipette	Make	THERMO SCIENTIFIC
Range	10-100µl	Model	FINNPIPETTE F3
Resolution	0.2µl	Material	PVC
Serial Number	PW03356	Operating Range	
ID Number		Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LABORATORY

**Environmental Condition**

**Calibration Method Used**

Temperature (°C)	23.9	Humidity (%RH)	55	National / International Standard	ISO 8655-6:2002
Atmospheric Pressure (mbar)	1006	Water Temperature (°C)	21.6	Cal Procedure No	SBS/CP/ML/08

**Standard Used**

SI. No.	Description	ID.No. / SI. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Semi Micro Balance	15112918	TVCSPL22/12/2115-01	A&D & GH-252	National Standards	09-12-2023

Z Factor: 1.00319

**Result of Calibration in µl**

Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	10	9.90	9.92	9.88	9.91	9.92	9.91	-0.09	0.01	0.47
		9.91	9.92	9.93	9.92	9.90				
2	50	49.78	49.76	49.74	49.72	49.74	49.74	-0.26	0.02	0.47
		49.76	49.75	49.73	49.72	49.71				
3	100	98.92	98.94	98.94	98.96	98.92	98.93	-1.07	0.02	0.47
		98.91	98.93	98.94	98.92	98.91				

**Remarks**

- This Calibration certificate shall not be reproduced except in full, without written approval of the laboratory.
- The user should determine the suitability of the instrument for its intended use.
- The recalibration interval should be determined on the user requirement.
- The results stated in this certificate relate only to the item calibrated.
- Equipment used for Calibration were calibrated & traceable to National & International Standards
- The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00 .
- Calibration Liquid Used: Distilled or Deionized water conforming Grade3 as specified in ISO 3696.

Calibrated By,

  
(Calibration Engineer)  
R.YAZINIYAN



Authorised by:

  
(Quality Manager/Chief Executive)  
D.VETRI SELVI

## CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/01479

Page. No : 1 of 1

**Customer Name & Address**

GOVERNMENT PRIMARY HEALTH CENTRE,  
RAJADHANI, ANDIPATTI-625512, THENI DISTRICT.

SRF No.	SRF/23/00056-0002
SRF Date	13-02-2023
Date of Receipt	13-02-2023
Date of Calibration	13-02-2023
Due Date for Calibration	12-02-2024
Issue Date	14-02-2023

**Details of Unit Under Calibration**

Description	Micro Pipette	Make	THERMO SCIENTIFIC
Range	10-100µl	Model	FINNPIPETTE F3
Resolution	0.2µl	Material	PVC
Serial Number	RW09305	Operating Range	
ID Number		Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LABORATORY

**Environmental Condition**

**Calibration Method Used**

Temperature (°C)	25.4	Humidity (%RH)	51	National / International Standard	ISO 8655-6:2002
Atmospheric Pressure (mbar)	1006	Water Temperature (°C)	21.6	Cal Procedure No	SBS/CP/ML/08

**Standard Used**

SI. No.	Description	ID.No. / SI. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Semi Micro Balance	15112918	TVCSP22/12/2115-01	A&D & GH-252	National Standards	09-12-2023

Z Factor: 1.00319

**Result of Calibration in µl**

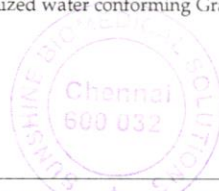
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	10	9.88	9.87	9.86	9.87	9.86	9.87	-0.13	0.01	0.47
		9.87	9.88	9.87	9.86	9.88				
2	50	49.76	49.77	49.78	49.76	49.77	49.77	-0.23	0.01	0.47
		49.77	49.76	49.76	49.77	49.78				
3	100	99.84	99.86	99.87	99.88	99.87	99.86	-0.14	0.01	0.47
		99.86	99.87	99.86	99.87	99.86				

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- 3.The recalibration interval should be determined on the user requirement.
- 4.The results stated in this certificate relate only to the item calibrated.
5. Equipment used for Calibration were calibrated & traceable to National & International Standards
- 6.The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00.
7. Calibration Liquid Used: Distilled or Deionized water conforming Grade3 as specified in ISO 3696.

Calibrated By,

  
(Calibration Engineer)  
R.YAZINIYAN



Authorised by:

  
(Quality Manager/Chief Executive)  
D.VETRI SELVI

## CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/01480

Page No : 1 of 1

**Customer Name & Address**

GOVERNMENT PRIMARY HEALTH CENTRE,  
RAJADHANI, ANDIPATTI-625512, THENI DISTRICT.

SRF No.	SRF/23/00056-0003
SRF Date	13-02-2023
Date of Receipt	13-02-2023
Date of Calibration	13-02-2023
Due Date for Calibration	12-02-2024
Issue Date	14-02-2023

**Details of Unit Under Calibration**

Description	Micro Pipette	Make	THERMO SCIENTIFIC
Range	100-1000µl	Model	FINNPIPETTE F3
Resolution	1µl	Material	PVC
Serial Number	RW12442	Operating Range	
ID Number		Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LABORATORY

**Environmental Condition**

**Calibration Method Used**

Temperature (°C)	25.4	Humidity (%RH)	51	National / International Standard	ISO 8655-6:2002
Atmospheric Pressure (mbar)	1006	Water Temperature (°C)	21.6	Cal Procedure No	SBS/CP/ML/08

**Standard Used**

SI. No.	Description	ID.No. / SI. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Semi Micro Balance	15112918	TVCSPL22/12/2115-01	A&D & GH-252	National Standards	09-12-2023

**Z Factor: 1.00319**

**Result of Calibration in µl**

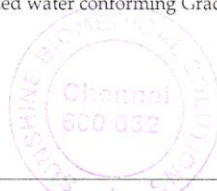
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	100	100.51	100.52	100.53	100.52	100.51	100.50	0.50	0.02	0.47
		100.49	100.48	100.49	100.49	100.48				
2	500	500.40	500.42	500.43	500.44	500.46	500.43	0.43	0.02	0.47
		500.45	500.44	500.43	500.42	500.41				
3	1000	1001.24	1001.26	1001.23	1001.22	1001.22	1001.22	1.22	0.03	0.47
		1001.18	1001.17	1001.20	1001.24	1001.26				

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- 3.The recalibration interval should be determined on the user requirement.
- 4.The results stated in this certificate relate only to the item calibrated.
5. Equipment used for Calibration were calibrated & traceable to National & International Standards
- 6.The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00 .
7. Calibration Liquid Used: Distilled or Deionized water conforming Grade3 as specified in ISO 3696.

Calibrated By,

*R.Yaziniyan*  
(Calibration Engineer)  
R.YAZINIYAN



Authorised by:

*D.Vetri Selvi*  
(Quality Manager/Chief Executive)  
D.VETRI SELVI



## CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/01481

Page. No: 1 of 1

**Customer Name & Address**

GOVERNMENT PRIMARY HEALTH CENTRE, RAJADHANI, ANDIPATTI-625512, THENI DISTRICT.	SRF No.	SRF/23/00056-0004
	SRF Date	13-02-2023
	Date of Receipt	13-02-2023
	Date of Calibration	13-02-2023
	Due Date for Calibration	12-02-2024
	Issue Date	14-02-2023

**Details of Unit Under Calibration**

Description	Micro Pipette	Make	MICROLUX
Range	100-1000µl	Model	
Resolution	10µl	Material	PVC
Serial Number		Operating Range	
ID Number		Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LABORATORY

Environmental Condition				Calibration Method Used	
Temperature (°C)	25.4	Humidity (%RH)	51	National / International Standard	ISO 8655-6:2002
Atmospheric Pressure (mbar)	1006	Water Temperature (°C)	21.6	Cal Procedure No	SBS/CP/ML/08

**Standard Used**

SI. No.	Description	ID.No. / SI. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Semi Micro Balance	15112918	TVCSPL22/12/2115-01	A&D & GH-252	National Standards	09-12-2023

Z Factor: 1.00319

**Result of Calibration in µl**

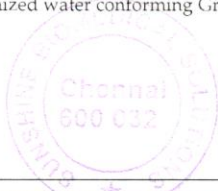
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	100	100.10	100.12	100.14	100.16	100.14	100.14	0.14	0.02	0.47
		100.14	100.14	100.16	100.14	100.12				
2	500	500.31	500.32	500.34	500.36	500.34	500.34	0.34	0.02	0.47
		500.32	500.34	500.36	500.34	500.34				
3	1000	1001.20	1001.22	1001.23	1001.24	1001.25	1001.25	1.25	0.03	0.47
		1001.26	1001.25	1001.27	1001.28	1001.29				

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6. The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00.
7. Calibration Liquid Used: Distilled or Deionized water conforming Grade3 as specified in ISO 3696.

Calibrated By,

*R. Yaziniyan*  
 (Calibration Engineer)  
 R.YAZINIYAN



Authorised by:

*D. Vetri Selvi*  
 (Quality Manager/Chief Executive)  
 D.VETRI SELVI

## SUNSHINE BIOMEDICAL SOLUTIONS

No:68, First Floor, Poomagal Main Road, Ekkattuthangal, Chennai - 600 032, Tel: 044 - 2225 2087,  
 E-Mail: calibration@sunshinebiomedical.com, Website: www.sunshinebiomedical.com.



## CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/01482

Page. No : 1 of 1

**Customer Name & Address**

GOVERNMENT PRIMARY HEALTH CENTRE, RAJADHANI, ANDIPATTI-625512, THENI DISTRICT.	SRF No. SRF/23/00056-0005	
	SRF Date 13-02-2023	
	Date of Receipt 13-02-2023	
	Date of Calibration 13-02-2023	
	Due Date for Calibration 12-02-2024	
	Issue Date 14-02-2023	

**Details of Unit Under Calibration**

Description	Micro Pipette	Make	MICROLUX
Range	5-50µl	Model	
Resolution	1µl	Material	PVC
Serial Number		Operating Range	
ID Number		Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LABORATORY

Environmental Condition				Calibration Method Used	
Temperature (°C)	25.4	Humidity (%RH)	51	National / International Standard	ISO 8655-6:2002
Atmospheric Pressure (mbar)	1006	Water Temperature (°C)	21.6	Cal Procedure No	SBS/CP/ML/08

**Standard Used**

SI. No.	Description	ID.No. / SI. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Semi Micro Balance	15112918	TVCSP22/12/2115-01	A&D & GH-252	National Standards	09-12-2023

**Z Factor: 1.00319**

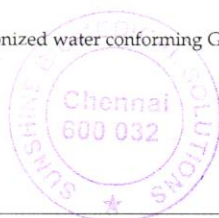
Result of Calibration in µl										
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	10	9.87	9.86	9.87	9.87	9.88	9.87	-0.13	0.01	0.47
		9.88	9.86	9.87	9.88	9.89				
2	30	29.76	29.77	29.78	29.79	29.76	29.78	-0.22	0.01	0.47
		29.77	29.78	29.79	29.78	29.78				
3	50	49.88	49.87	49.88	49.87	49.88	49.87	-0.13	0.01	0.47
		49.87	49.86	49.86	49.87	49.88				

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7. Calibration Liquid Used: Distilled or Deionized water conforming Grade3 as specified in ISO 3696.

Calibrated By,

(Calibration Engineer)  
 R.YAZINIYAN



Authorised by:

(Quality Manager/Chief Executive)  
 D.VETRI SELVI

### SUNSHINE BIOMEDICAL SOLUTIONS

No:68, First Floor, Poomagal Main Road, Ekkattuthangal, Chennai - 600 032, Tel: 044 - 2225 2087,  
 E-Mail: calibration@sunshinebiomedical.com, Website: www.sunshinebiomedical.com.



## CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/01483

Page. No : 1 of 1

**Customer Name & Address**GOVERNMENT PRIMARY HEALTH CENTRE,  
RAJADHAN, ANDIPATTI-625512, THENI DISTRICT.

SRF No.	SRF/23/00056-0006
SRF Date	13-02-2023
Date of Receipt	13-02-2023
Date of Calibration	13-02-2023
Due Date for Calibration	12-02-2024
Issue Date	14-02-2023

**Details of Unit Under Calibration**

Description	Micro Pipette	Make	MICROLUX
Range	10-100 $\mu$ l	Model	
Resolution	1 $\mu$ l	Material	PVC
Serial Number		Operating Range	
ID Number		Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LABORATORY

**Environmental Condition****Calibration Method Used**

Temperature ( $^{\circ}$ C)	25.4	Humidity (%RH)	51	National / International Standard	ISO 8655-6:2002
Atmospheric Pressure (mbar)	1006	Water Temperature ( $^{\circ}$ C)	21.6	Cal Procedure No	SBS/CP/ML/08

**Standard Used**

Sl. No.	Description	ID.No. / Sl. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Semi Micro Balance	15112918	TVCSPL22/12/2115-01	A&D & GH-252	National Standards	09-12-2023

Z Factor: 1.00319

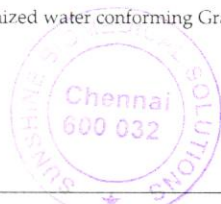
**Result of Calibration in  $\mu$ l**

Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty ( $\pm$ )
1	10	9.90	9.92	9.88	9.91	9.92	9.91	-0.09	0.01	0.47
		9.91	9.92	9.93	9.92	9.90				
2	50	49.78	49.76	49.74	49.72	49.74	49.74	-0.26	0.02	0.47
		49.76	49.75	49.73	49.72	49.71				
3	100	98.92	98.94	98.94	98.96	98.92	98.93	-1.07	0.02	0.47
		98.91	98.93	98.94	98.92	98.91				


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7. Calibration Liquid Used: Distilled or Deionized water conforming Grade3 as specified in ISO 3696.

Calibrated By,

  
(Calibration Engineer)  
R.YAZINIYAN

Authorised by:

  
(Quality Manager/Chief Executive)  
D.VETRI SELVI

## SUNSHINE BIOMEDICAL SOLUTIONS

No:68, First Floor, Poomagal Main Road, Ekkattuthangal, Chennai - 600 032, Tel: 044 - 2225 2087,

E-Mail: calibration@sunshinebiomedical.com, Website: www.sunshinebiomedical.com.



## CALIBRATION CERTIFICATE

<b>CERTIFICATE NO: SBS/CL/23/01484</b>	<b>MEDICAL DEVICES</b>	Page No:1 of 1
Issue Date	15-02-2023	
SRF No & Date	SRF/23/00056-0007 & 14-02-2023	
Receipt Date	14-02-2023	
Calibration Date	14-02-2023	
Calibration Due	13-02-2024	

### Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE,  
RAJADHANI,ANDIPATTI-625512, THENI DISTRICT.

Details of Device Under Calibration (DUC)			
Description	SEMI AUTO ANALYZER	Make & Model	ROBONIK & PRIETEST TOUCH
Range		Sr. No	ATCD3571220RBK
Resolution		Identification No	
DUC Condition	SATISFACTORY	Location	LABORATORY

### Environmental Conditions & Calibration Procedure Details

Environmental Details	Temperature: 25.6°C	Relative Humidity	54% RH
Calibration Procedure No	SBS/CP/MD/20	Calibration done at	ONSITE

### Reference Standards Details

S.No	Description	Make/ SI No:	Certificate No	Validity
1	Electrical Safety Analyser	Rigel Medical & 44L-1059	TSC/22-23/7400-3	10-08-2023

### ELECTRICAL SAFETY

#### RESULTS


S.no	SPECIFICATION	MEASURED VALUES	EXPANDED UNCERTAINTY (±)
1	<b>Insulation Resistance</b>	<b>Measured values in MΩ</b>	<b>Uncertainty in % ( ± )</b>
	>20MΩ	96	13.92
2	<b>Earth Leakage</b>	<b>Measured values in μA</b>	<b>Uncertainty in % ( ± )</b>
	<5000μAfor B,BF,CF	208	7.2
3	<b>Enclosure Leakage</b>	<b>Measured values in μA</b>	<b>Uncertainty in % ( ± )</b>
	<500μAfor B,BF,CF	171	8.3

#### REMARKS

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- 5.The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00 .
6. Equipment used for Calibration were calibrated & traceable to National & International Standards.

Calibrated By

Authorised Signatory

  
(Calibration Engineer)  
K.SATHYAMOORTHY



  
Quality Manager  
(D.VETRI SELVI)

Chief Executive

## SUNSHINE BIOMEDICAL SOLUTIONS

No:68, First Floor, Poomagal Main Road, Ekkattuthangal, Chennai - 600 032, Tel: 044 - 2225 2087,

E-Mail: calibration@sunshinebiomedical.com, Website: www.sunshinebiomedical.com.



## CALIBRATION CERTIFICATE

CERTIFICATE NO: SBS/CL/23/01485	MEDICAL DEVICES	Page No:1 of 1
Issue Date	15-02-2023	
SRF No & Date	SRF/23/00056-0008 & 14-02-2023	
Receipt Date	14-02-2023	
Calibration Date	14-02-2023	
Calibration Due	13-02-2024	

**Customer Name & Address**  
GOVERNMENT PRIMARY HEALTH CENTRE,  
RAJADHANI, ANDIPATTI-625512, THENI DISTRICT.

Details of Device Under Calibration (DUC)			
Description	ELECTRICAL SAFETY(CELL COUNTER)	Make & Model	SYSMEX & XP-100
Range		Sr. No	B5897
Resolution		Identification No	
DUC Condition	SATISFACTORY	Location	LABORATORY

Environmental Conditions & Calibration Procedure Details			
Environmental Details	Temperature: 25.6°C	Relative Humidity	54% RH
Calibration Procedure No	SBS/CP/MD/29	Calibration done at	ONSITE

Reference Standards Details				
S.No	Description	Make/ SI No:	Certificate No	Validity
1	Electrical Safety Analyser	Rigel Medical & 44L-1059	TSC/22-23/7400-3	10-08-2023

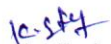
### ELECTRICAL SAFETY

S.no	SPECIFICATION	MEASURED VALUES	EXPANDED UNCERTAINTY (±)
1	<b>Insulation Resistance</b>	<b>Measured values in MΩ</b>	<b>Uncertainty in % (±)</b>
	>20MΩ	80	13.92
2	<b>Earth Leakage</b>	<b>Measured values in μA</b>	<b>Uncertainty in % (±)</b>
	<5000μAfor B,BF,CF	213	7.0
3	<b>Enclosure Leakage</b>	<b>Measured values in μA</b>	<b>Uncertainty in % (±)</b>
	<500μAfor B,BF,CF	200	7.1

- REMARKS**
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  - 2.The user should determine the suitability of the instrument for its intended use.
  - 3.The recalibration interval should be determined on the user requirement.
  - 4.The results stated in this certificate relate only to the item calibrated.
  - 5.The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00 .
  6. Equipment used for Calibration were calibrated & traceable to National & International Standards.

Calibrated By

Authorised Signatory

  
(Calibration Engineer)  
K.SATHYAMOORTHY



Quality Manager  
(D.VETRI SELVI)

Chief Executive

## SUNSHINE BIOMEDICAL SOLUTIONS

No:68, First Floor, Poomagal Main Road, Ekkattuthangal, Chennai - 600 032, Tel: 044 - 2225 2087,  
E-Mail: calibration@sunshinebiomedical.com, Website: www.sunshinebiomedical.com.



## CALIBRATION CERTIFICATE

<b>CERTIFICATE NO:</b>	SBS/CL/23/01486	<b>MECHANICAL</b>	Page No:1 of 1
Issue Date	15-02-2023		
SRF No & Date	SRF/23/00056-0009 & 14-02-2023		
Receipt Date	14-02-2023		
Calibration Date	14-02-2023		
Calibration Due	13-02-2024		

**Customer Name & Address**  
 GOVERNMENT PRIMARY HEALTH CENTRE,  
 RAJADHANI,ANDIPATTI-625512,THENI DISTRICT.


Details of Device Under Calibration (DUC)			
Description	CENTRIFUGE	Make & Model	REMI & R-8C
Range	4000 RPM	Sr. No	APLC-163
Resolution	10 RPM	Identification No	
DUC Condition	Satisfactory	Location	LABORATORY

Environmental Conditions & Standard Operating Procedure Details			
Environmental Details	Temperature: 25.4°C	Relative Humidity	54% Rh
Calibration Procedure No	SBS/CP/ML/04	Calibration done at	ONSITE

Reference Standards Details				
S.No	Description	Make/ SI No:	Certificate No	Validity
1	Digital Tachometer	LINE SEIKI / 175-0034V	TMS/22/63 01	10-11-2023

CALIBRATION RESULTS				
S.No	DEVICE UNDER CALIBRATION	STANDARD INSTRUMENTS	DEVIATION	EXPANDED UNCERTAINTY
	RPM	RPM	RPM	%
1	500	499.2	0.8	4.2
2	2000	1998.4	1.6	4.2
3	3000	2998.2	1.8	4.2

- REMARKS**
- 1.This Calibration certificate shall not be reproduced except in full, without written approval of the laboratory.
  - 2.The user should determine the suitability of the instrument for its intended use.
  - 3.The recalibration interval should be determined on the user requirement.
  - 4.The results stated in this certificate relate only to the item calibrated.
  - 5.The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00.
  6. Equipment used for Calibration were calibrated & traceable to National & International Standards.

Calibrated By  
  
 (Calibration Engineer)  
 K.SATHYAMOORTHY



Authorised Signatory

Quality Manager  
 (D.VETRI SELVI)

Chief Executive



## CALIBRATION CERTIFICATE

CERTIFICATE NO: SBS/CL/23/01487	MEDICAL DEVICES	Page No:1 of 1
Issue Date	15-02-2023	
SRF No & Date	SRF/23/00056-0010 & 14-02-2023	
Receipt Date	14-02-2023	
Calibration Date	14-02-2023	
Calibration Due	13-02-2024	

**Customer Name & Address**  
GOVERNMENT PRIMARY HEALTH CENTRE,  
RAJADHANI, ANDIPATTI-625512, THENI DISTRICT.

Details of Device Under Calibration (DUC)			
Description	ELECTRICAL SAFETY(MICROSCOPE)	Make & Model	LABOMED & VISION 2000
Range		Sr. No	211133707
Resolution		Identification No	
DUC Condition	SATISFACTORY	Location	LABORATORY

Environmental Conditions & Calibration Procedure Details			
Environmental Details	Temperature: 26.1°C	Relative Humidity	52% RH
Calibration Procedure No	SBS/CP/MD/29	Calibration done at	ONSITE

Reference Standards Details				
S.No	Description	Make/ SI No:	Certificate No	Validity
1	Electrical Safety Analyser	Rigel Medical & 44L-1059	TSC/22-23/7400-3	10-08-2023

### ELECTRICAL SAFETY

S.no	SPECIFICATION	MEASURED VALUES	EXPANDED UNCERTAINTY (±)
1	<b>Insulation Resistance</b> >20MΩ	<b>Measured values in MΩ</b> 100	<b>Uncertainty in % ( ± )</b> 13.92
2	<b>Earth Leakage</b> <5000µAfor B,BF,CF	<b>Measured values in µA</b> 132	<b>Uncertainty in % ( ± )</b> 11.3
3	<b>Enclosure Leakage</b> <500µAfor B,BF,CF	<b>Measured values in µA</b> 164	<b>Uncertainty in % ( ± )</b> 8.7

**REMARKS**

- This Calibration certificate shall not be reproduced except in full, without written approval of the laboratory.
- The user should determine the suitability of the instrument for its intended use.
- The recalibration interval should be determined on the user requirement.
- The results stated in this certificate relate only to the item calibrated.
- The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00.
- Equipment used for Calibration were calibrated & traceable to National & International Standards.

Calibrated By

Authorised Signatory

*K-SH*  
(Calibration Engineer)  
K.SATHYAMOORTHY



Quality Manager  
(D.VETRI SELVI)

Chief Executive

## SUNSHINE BIOMEDICAL SOLUTIONS

No:68, First Floor, Poomagal Main Road, Ekkattuthangal, Chennai - 600 032, Tel: 044 - 2225 2087,  
E-Mail: calibration@sunshinebiomedical.com, Website: www.sunshinebiomedical.com.