SUNSHINE

CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/01478

Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE,
RAJADHANI,ANDIPATTI-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

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 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

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. 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

SUNSHINE BIOMEDICAL SOLUTIONS Chennai 600 032

Authorised by:
(Quality Manager/Chief Executive)
D.VETRI SELVI

SUNSHINE

CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/01479

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

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 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				

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. 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

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/23/01480

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

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 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				

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. 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

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/23/01481

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

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 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				

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. 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

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

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

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 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				

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. 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

Chennai 600 032 SUNSHINE BIOMEDICAL SOLUTIONS

Authorised by:

(Quality Manager/Chief Executive)

D.VETRI SELVI

CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/01483

Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE,
RAJADHANI,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	10-100µl	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

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 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

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. 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

Chennai 600 032

Authorised by:
(Quality Manager/Chief Executive)
D.VETRI SELVI

CALIBRATION CERTIFICATE

CERTIFICATE NO: SBS/CL/23/01484	MEDICAL DEVICES	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/ Sl 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	**Insulation Resistance**	**Measured values in MΩ**	**Uncertainty in % (±)**
	>20MΩ	96	13.92
2	**Earth Leakage**	**Measured values in µA**	**Uncertainty in % (±)**
	<5000µAfor B,BF,CF	208	7.2
3	**Enclosure Leakage**	**Measured values in µA**	**Uncertainty in % (±)**
	<500µAfor B,BF,CF	171	8.3

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

SUNSHINE BIOMEDICAL SOLUTIONS Chennai 600 032

Authorised Signatory

☑ Quality Manager (D.VETRI SELVI)

☐ Chief Executive

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/ Sl 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	**Insulation Resistance**	**Measured values in MΩ**	**Uncertainty in % (±)**
	>20MΩ	80	13.92
2	**Earth Leakage**	**Measured values in µA**	**Uncertainty in % (±)**
	<5000µAfor B,BF,CF	213	7.0
3	**Enclosure Leakage**	**Measured values in µA**	**Uncertainty in % (±)**
	<500µAfor B,BF,CF	200	7.1

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

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/23/01486	MECHANICAL	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/ Sl 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

SUNSHINE BIOMEDICAL SOLUTIONS Chennai 600 032

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/ Sl 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	**Insulation Resistance**	**Measured values in MΩ**	**Uncertainty in % (±)**
	>20MΩ	100	13.92
2	**Earth Leakage**	**Measured values in µA**	**Uncertainty in % (±)**
	<5000µAfor B,BF,CF	132	11.3
3	**Enclosure Leakage**	**Measured values in µA**	**Uncertainty in % (±)**
	<500µAfor B,BF,CF	164	8.7

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

SUNSHINE BIOMEDICAL SOLUTIONS Chennai 600 032