



## CALIBRATION CERTIFICATE

CERTIFICATE NO:	SBS/GL/23/09305	MECHANICAL	Page No:1 of 1	
Issue Date	29-07-2023			
SRF No & Date	SRF/23/00276-0001 & 27-07-2023			
Receipt Date	27-07-2023			
Calibration Date	27-07-2023			
Calibration Due	26-07-2024			
<u>Customer Name &amp; Address</u>				
GOVERNMENT PRIMARY HEALTH CENTRE, VENGALUR,DEVANKOTTAI-630303,SIVAGANGAI DISTRICT.				
<b>Details of Device Under Calibration (DUC)</b>				
Description	CENTRIFUGE	Make & Model	M.C.DALAL & DALAL	
Operating Range	3000 RPM	Sr. No	55824/53	
Least Count	1 RPM	Identification No	NA	
DUC Condition	Satisfactory	Location	LAB	
<b>Environmental Conditions &amp; Standard Operating Procedure Details</b>				
Environmental Details	Temperature: 25.6 °C	Relative Humidity	47% Rh	
Calibration Procedure No	SBS/CP/ML/04	Calibration done at	ONSITE	
<b>Reference Standards Details</b>				
S No	Description	Make/ SI No:	Certificate No	Validity
1	Digital Tachometer	LINE SEIKI / 175-0034V	JRPM CCTR A&S-2023-0013	09-06-2024

### CALIBRATION RESULTS

S.No	DEVICE UNDER CALIBRATION	STANDARD INSTRUMENTS	DEVIATION	EXPANDED UNCERTAINTY (±)
	RPM	RPM	RPM	%
1	1000	999.4	0.6	4.2
2	2000	1999.7	0.3	4.2
3	3000	2999.8	0.2	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

*K.Saty*  
(Calibration Engineer)  
K.SATHYAMOORTHY



Authorised Signatory

*D.S.* 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: SRS/CI/23/09426

Page No: 1 of 1

Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE, VENGALUR, DEVANKOTTAI-630303, SIVAGANGAI DISTRICT.	SRF No.	SRS/23/09426-0022
	SRF Date	29-07-2023
	Date of Receipt	29-07-2023
	Date of Calibration	29-07-2023
	Due Date for Calibration	29-07-2024
	Issue Date	31-07-2023

Details of Unit Under Calibration

Description	MICRO PIPETTE	Make	THERMO SCIENTIFIC
Range	100-1000 µl	Model	FINNPIPETTE F3
Resolution	1 µl	Material	PVC
Serial Number	K3V02629	Operating Range	100-1000 µl
ID Number	NA	Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LAB

Environmental Condition				Calibration Method Used	
Temperature (°C)	23.6	Humidity (%RH)	55	National / International Standard	ISO 8655-6:2002
Atmospheric Pressure (mbar)	1006	Water Temperature (°C)	21.6	Cal Procedure No	SRS/CP/ML/08

Standard Used

Sl. No.	Description	ID No. / SI. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Weighing Balance	15112918	TVCSPL22/12/2115-01	A&D & CM 252	National Standards	07-15-2023

Z Factor: 3.00319


### Result of Calibration in µl

Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (U)
1	100	99.85	99.86	99.87	99.89	99.87	99.91	0.09	0.04	0.47
		99.95	99.93	99.96	99.97	99.91				
2	500	499.96	499.97	499.95	499.96	499.98	499.98	0.10	0.07	0.47
		499.81	499.82	499.84	499.86	499.85				
3	1000	999.74	999.73	999.77	999.71	999.74	999.73	-0.27	0.02	0.47
		999.70	999.71	999.73	999.71	999.70				

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 to the purity specified in ISO 3696.

Calibrated By:

  
 (Calibration Engineer)  
 MRACHIL



Authorized 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.

## 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/23/09425

Page No: 1 of 1

Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE, VENGALUR, DEVANKOTTAI-630303, SIVAGANGAI DISTRICT.	SRF No.	SRF/23/00276- 0021
	SRF Date	29-07-2023
	Date of Receipt	29-07-2023
	Date of Calibration	29-07-2023
	Due Date for Calibration	28-07-2024
	Issue Date	31-07-2023

**Details of Unit Under Calibration**

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

Environmental Condition				Calibration Method Used	
Temperature (°C)	23.6	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. / SI. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Weighing 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	100	99.93	99.94	99.92	99.95	99.96	99.94	-0.06	0.02	0.47	
		99.95	99.93	99.96	99.97	99.93					
2	500	499.84	499.83	499.82	499.85	499.86	499.84	-0.16	0.02	0.47	
		499.81	499.82	499.84	499.86	499.85					
3	1000	999.74	999.73	999.72	999.71	999.74	999.73	-0.27	0.02	0.47	
		999.70	999.71	999.73	999.74	999.75					

**Remarks**


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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 Grade 3 as specified in ISO 3696.

Calibrated By,

  
 (Calibration Engineer)  
 M.RAGUL



Authorised by:

  
 (Quality Manager/Chief Executive)  
 D.VETRI SELVI



## CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/09425

Page No: 1 of 1

Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE, VENGALUR,DEVANKOTTAI-630303,SIVAGANGAI DISTRICT.	SRF No.	SRF/23/00276- 0021
	SRF Date	29-07-2023
	Date of Receipt	29-07-2023
	Date of Calibration	29-07-2023
	Due Date for Calibration	28-07-2024
	Issue Date	31-07-2023

**Details of Unit Under Calibration**

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

Environmental Condition				Calibration Method Used	
Temperature (°C)	23.6	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. / SI. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Weighing 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	100	99.93	99.94	99.92	99.95	99.96	99.94	-0.06	0.02	0.47	
		99.95	99.93	99.96	99.97	99.93					
2	500	499.84	499.83	499.82	499.85	499.86	499.84	-0.16	0.02	0.47	
		499.81	499.82	499.84	499.86	499.85					
3	1000	999.74	999.73	999.72	999.71	999.74	999.73	-0.27	0.02	0.47	
		999.70	999.71	999.73	999.74	999.75					

**Remarks**

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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 Grade 3 as specified in ISO 3696.

Calibrated By,

*M.Ragul*  
(Calibration Engineer)  
M.RAGUL



Authorised by:

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



## CALIBRATION CERTIFICATE

CERTIFICATE NO:	SBS/GL/23/09305	MECHANICAL	Page No:1 of 1	
Issue Date	29-07-2023			
SRF No & Date	SRF/23/00276-0001 & 27-07-2023			
Receipt Date	27-07-2023			
Calibration Date	27-07-2023			
Calibration Due	26-07-2024			
<u>Customer Name &amp; Address</u>				
GOVERNMENT PRIMARY HEALTH CENTRE, VENGALUR,DEVANKOTTAI-630303,SIVAGANGAI DISTRICT.				
<b>Details of Device Under Calibration (DUC)</b>				
Description	: CENTRIFUGE	Make & Model	: M.C.DALAL & DALAL	
Operating Range	: 3000 RPM	Sr. No	: 55824/53	
Least Count	: 1 RPM	Identification No	: NA	
DUC Condition	: Satisfactory	Location	: LAB	
<b>Environmental Conditions &amp; Standard Operating Procedure Details</b>				
Environmental Details	Temperature: 25.6 °C	Relative Humidity	47% Rh	
Calibration Procedure No	SBS/CP/ML/04	Calibration done at	ONSITE	
<b>Reference Standards Details</b>				
S No	Description	Make/ SI No:	Certificate No	Validity
1	Digital Tachometer	LINE SEIKI / 175-0034V	JRPM CCTR A&S-2023-0013	09-06-2024

### CALIBRATION RESULTS

S.No	DEVICE UNDER CALIBRATION	STANDARD INSTRUMENTS	DEVIATION	EXPANDED UNCERTAINTY (±)
	RPM	RPM	RPM	%
1	1000	999.4	0.6	4.2
2	2000	1999.7	0.3	4.2
3	3000	2999.8	0.2	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

*K.Saty*  
(Calibration Engineer)  
K.SATHYAMOORTHY



Authorised Signatory

*D.S.* 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,  
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## CALIBRATION CERTIFICATE

CERTIFICATE NO: SBS/CL/23/09306	MEDICAL DEVICES	Page No:1 of 1
Issue Date	26-07-2023	
SRF No & Date	SRF/23/00276-0002 & 27-07-2023	
Receipt Date	27-07-2023	
Calibration Date	27-07-2023	
Calibration Due	26-07-2024	

**Customer Name & Address**

GOVERNMENT PRIMARY HEALTH CENTRE,  
VENGALUR,DEVANKOTTAI-830303,SIVAGANGAI DISTRICT.

**Details of Device Under Calibration (DUC)**

Description : ELECTRICAL SAFETY ANALYZER(SEMI AUTO ANALYZER)	Make & Model : ROBONIC & PRIESTEST TOUCH
Range : MULTI	Sr. No : ATCD1450519RDK
Resolution : MULTI	Identification No : NA
DUC Condition : SATISFACTORY	Location : LAB

**Environmental Conditions & Calibration Procedure Details**

Environmental Details	Temperature: 25.6°C	Relative Humidity	54% RH
Calibration Procedure No	SBS/CP/MD/14	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	Insulation Resistance	Measured values in MΩ	Uncertainty in % (±)
	>20MΩ	05	13.92
2	Earth Leakage	Measured values in μA	Uncertainty in % (±)
	<5000μAfor B,BF,CF	120	7.8
3	Enclosure Leakage	Measured values in μA	Uncertainty in % (±)
	<500μAfor B,BF,CF	221	6.8

**REMARKS**

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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.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

Authorized Signatory

*K.sty*  
(Calibration Engineer)  
K.SATHYAMOORTHY



*C.Sho*  
 Technical Manager  
(C.SHANMUGARAJ)

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/23/09307	MEDICAL DEVICES	Page No:1 of 1
Issue Date	29-07-2023	
SRF No & Date	SRF/23/00276-0003 & 27-07-2023	
Receipt Date	27-07-2023	
Calibration Date	27-07-2023	
Calibration Due	26-07-2024	

**Customer Name & Address**

GOVERNMENT PRIMARY HEALTH CENTRE,  
VENGALUR,DEVANKOTTAI-630303,SIVAGANGAI DISTRICT.

**Details of Device Under Calibration (DUC)**

Description	ELECTRICAL SAFETY ANALYZER(MICROSCOPE)	Make & Model	LABOMED & LX 200
Range	MULTI	Sr. No	190211459
Resolution	MULTI	Identification No	NA
DUC Condition	SATISFACTORY	Location	LAB

**Environmental Conditions & Calibration Procedure Details**

Environmental Details	Temperature: 25.3°C	Relative Humidity	53% RH
Calibration Procedure No	SBS/CP/MD/14	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	Insulation Resistance	Measured values in MΩ	Uncertainty in % (±)
	>20MΩ	93	13.92
2	Earth Leakage	Measured values in μA	Uncertainty in % (±)
	<5000μAfor B,BF,CF	121	7.7
3	Enclosure Leakage	Measured values in μA	Uncertainty in % (±)
	<500μAfor B,BF,CF	226	6.8

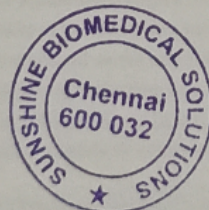
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- 4.The results stated in this certificate relate only to the item calibrated.
- 5.The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00 .
6. Equipment used for Calibration were calibrated & traceable to National & International Standards.

Calibrated By

Authorised Signatory

*K.Sathy*  
(Calibration Engineer)  
K.SATHYAMOORTHY



*CSW*  
Technical Manager  
(C.SHANMUGARAJ)

Chief Executive

### SUNSHINE BIOMEDICAL SOLUTIONS

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

Certificate No: SBS/CL/23/09424

Page No: 1 of 1

Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE,  
VENGAUR, DEVANKOTTAI 630003, SIVAGANGAI DISTRICT.

SRP No.	SRP/23/00276-0020
SRP Date	29-07-2023
Date of Receipt	29-07-2023
Date of Calibration	29-07-2023
Due Date for Calibration	28-07-2024
Issue Date	31-07-2023

Details of Unit Under Calibration

Description	MICRO PIPETTE	Make	THERMO SCIENTIFIC
Range	10-100 µl	Model	FINNPIPETTE F3
Resolution	0.2 µl	Material	PVC
Serial Number	RW01328	Operating Range	10-100 µl
ID Number	NA	Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LAB

Environmental Condition				Calibration Method Used	
Temperature (°C)	23.6	Humidity (%RH)	55	National / International Standard	ISO 9000-G:2007
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 Weighing Balance	15112918	TVCSPL22/12/1115-01	A&T & 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 (z)
		1	2	3	4	5				
1	10	9.93	9.91	9.92	9.96	9.96	9.94	0.06	0.07	0.47
		9.95	9.93	9.96	9.97	9.93				
2	50	49.83	49.84	49.82	49.85	49.86	49.84	0.16	0.05	0.47
		49.81	49.82	49.84	49.86	49.85				
3	100	99.74	99.73	99.72	99.76	99.75	99.73	0.27	0.02	0.47
		99.70	99.71	99.74	99.78	99.73				

Remarks


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- 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 to Grade3 as specified in ISO 3696.

Calibrated By:

  
 (Calibration Engineer)  
 M. RAGUL



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: SRS/CI/23/09426

Page No: 1 of 1

Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE, VENGALUR, DEVANKOTTAI-630303, SIVAGANGAI DISTRICT.	SRF No.	SRS/23/09426-0022
	SRF Date	29-07-2023
	Date of Receipt	29-07-2023
	Date of Calibration	29-07-2023
	Due Date for Calibration	29-07-2024
	Issue Date	31-07-2023

Details of Unit Under Calibration

Description	MICRO PIPETTE	Make	THERMO SCIENTIFIC
Range	100-1000 µl	Model	FINNPIPETTE F3
Resolution	1 µl	Material	PVC
Serial Number	K3V02629	Operating Range	100-1000 µl
ID Number	NA	Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LAB

Environmental Condition				Calibration Method Used	
Temperature (°C)	23.6	Humidity (%RH)	55	National / International Standard	ISO 8655-6:2002
Atmospheric Pressure (mbar)	1006	Water Temperature (°C)	21.6	Cal Procedure No	SRS/CP/ML/08

Standard Used

Sl. No.	Description	ID No. / Sl. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Weighing Balance	15112918	TVCSPL22/12/2115-01	A&D & CM 252	National Standards	07-15-2023

Z Factor: 3.00319

### Result of Calibration in µl

Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (U)
1	100	99.85	99.86	99.87	99.89	99.87	99.91	0.09	0.04	0.47
		99.95	99.93	99.96	99.97	99.91				
2	500	499.96	499.97	499.95	499.96	499.98	499.98	0.10	0.07	0.47
		499.81	499.82	499.84	499.86	499.85				
3	1000	999.74	999.73	999.77	999.71	999.74	999.73	-0.27	0.02	0.47
		999.70	999.71	999.73	999.71	999.70				

Remarks

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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 to the purity specified in ISO 3696.

Calibrated By:

(Calibration Engineer)  
 MRACHIL



Authorized 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.

## SUNSHINE BIOMEDICAL SOLUTIONS

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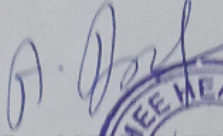

Any service apart from the agreed in the contract or any fresh work/ assignment will be charged for, at the charges agreed at the point of time.

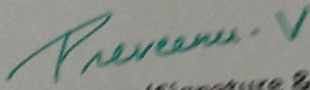
List of machine covered under AMC; Quot Ref No: Quot/73/MMHC/159 Dt 25.01.2023

ACCOUNT DETAILS;

SL.NO	EQUIPMENT	EQUIPMENT COUNT
01	SEMI AUTO ANALYSER	01 No's
02	AUTOCLAVE	01 No's
03	RADIANT WARMER	01 No's

ACCOUNT HOLDER'S NAME : MEMEE HEALTH CARE  
BANK NAME : AXIS BANK , KODAL NAGAR  
BANK A/C NO: 921020044716293  
BANK IFSC CODE: UTIB0004211

  
For MEMEE HEALTH CARE  
MADURAI  


 21/7/23  
Customer (Signature & Seal)  
MEDICAL OFFICER  
GOVT. PRIMARY CENTRE  
/ENGALUR - 626 303  
SPACIAL ANCAI DW.../

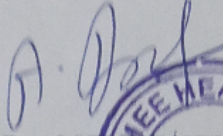

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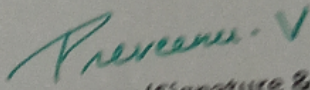
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For MEMEE HEALTH CARE  
MADURAI  


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MEDICAL OFFICER  
GOVT. PRIMARY CENTRE  
/ENGALUR - 626 303  
SPACIAL ANCAI DW.../



## CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/09297

Page No: 1 of 1

**Customer Name & Address**

GOVERNMENT PRIMARY HEALTH CENTRE, VENGALUR, DEVANKOTTAI-630303, SIVAGANGAI DISTRICT.	SRF No.	SRP/23/A00276-0023
	SRF Date	29-07-2023
	Date of Receipt	29-07-2023
	Date of Calibration	29-07-2023
	Due Date for Calibration	28-07-2024
	Issue Date	31-07-2023

**Details of Unit Under Calibration**

Description	MICRO PIPETTE	Make	MICROLUX
Range	5-50µl	Model	NA
Resolution	1µl	Material	PVC
Serial Number	NA	Operating Range	10-50µl
ID Number	NA	Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LABORATORY

**Environmental Condition**

**Calibration Method Used**

Temperature (°C)	25.7	Humidity (%RH)	53	National / International Standard	ISO 8655-6:2002
Atmospheric Pressure (mbar)	1006	Water Temperature (°C)	21.6	Cal Procedure No	SBS/CL/MT/08

**Standard Used**

Sl. No.	Description	ID.No. / Sl. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Weighing Balance	1511/918	TVC SPT 22/12/2115-01	A&D & GH-257	National Standards	09-12-2023

Z Factor: 1.00310

**Result of Calibration in µl**

Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (+)
1	10	9.89	9.88	9.87	9.88	9.88	9.88	-0.12	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**

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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 to grade 3 as specified in ISO 3696.

Calibrated By,   
 (Calibration Engineer)  
 MRAGUL



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/23/09306	MEDICAL DEVICES	Page No:1 of 1
Issue Date	26-07-2023	
SRF No & Date	SRF/23/00276-0002 & 27-07-2023	
Receipt Date	27-07-2023	
Calibration Date	27-07-2023	
Calibration Due	26-07-2024	

**Customer Name & Address**

GOVERNMENT PRIMARY HEALTH CENTRE,  
VENGALUR, DEVANKOTTAI-630303, SIVAGANGAI DISTRICT.

**Details of Device Under Calibration (DUC)**

Description	ELECTRICAL SAFETY ANALYZER(SEMI AUTO ANALYZER)	Make & Model	ROBONIC & PRIESTEST TOUCH
Range	MULTI	Sr. No	ATCD1450519RDK
Resolution	MULTI	Identification No	NA
DUC Condition	SATISFACTORY	Location	LAB

**Environmental Conditions & Calibration Procedure Details**

Environmental Details	Temperature: 25.6°C	Relative Humidity	54% RH
Calibration Procedure No	SBS/CP/MD/14	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	Insulation Resistance	Measured values in MΩ	Uncertainty in % (±)
	>20MΩ	05	13.92
2	Earth Leakage	Measured values in μA	Uncertainty in % (±)
	<5000μAfor B,BF,CF	120	7.8
3	Enclosure Leakage	Measured values in μA	Uncertainty in % (±)
	<500μAfor B,BF,CF	221	6.8

**REMARKS**

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- 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

Authorized Signatory

*K.sty*  
(Calibration Engineer)  
K.SATHYAMOORTHY



*C.Sho*  
 Technical Manager  
(C.SHANMUGARAJ)

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.



# MEMEE HEALTH CARE

66a/7, Fathima Nagar, Bye Pass Road, Madurai - 16.

Phone : 93459 79078 / E-mail : healthcarememee@gmail.com

No. : No 287

## EQUIPMENT SERVICE / INSTALLATION REPORT

Date : 27/07/2023

Customer Name : The Medical officer  
Govt Primary Health Center  
Vengalur, Sivagangai Dist

CHARGE SERVICE CALL

AMC (Quarterly) 1st visit

SERVICE ON WARRANTY

SERVICE ON AMC (Location: Lab)

Model No : Prietest Touch  
Analyser - Biochemistry

D.C. No :

Invoice No :

Serial No : A9CD1450519RBK

Date :

Date :

Date of Installed :

Warrenty Expiry Date :

Description of Installation :

As per the AMC order Ref: No: 135/AI/PHC/2023  
Dt 25.07.2023 done preventive maintenance for  
below mentioned equipment.  
checked Machine with all modes & Parameters

Description of Service : checked & cleaned internal & External Equipments parts  
checked Machine with all functioning modes  
found working good.  
D Semi Auto Analyser - 1/NO

Remarks :

Preventive ✓

Customer Signature  
GOVT PRIMARY CENTRE  
VENGALUR - 630 303  
SIVAGANGAI DISTRICT



Service Engineer

# MEMEE HEALTH CARE

*Join To Serve*

## AMC AGREEMENT

### ANNUAL MAINTENANCE CONTRACT

Date : 27/07/2023

To,

THE MEDICAL OFFICER  
GOVERNMENT PRIMARY HEALTH CENTER  
VENGALUR  
SIVAGANGAI DIST

As per your AMC Order : Ref.No : **135/A1/PHC/2023** Dt : **25.07.2023**  
We M/s . **MEMEE HEALTH CARE – A2 / 66, Fathima Nagar , Bypass Road Madurai - 625016. GSTIN : 33BNUPB0014R1ZW , IREPS ID : 1078476** shall maintain the Bio Medical Equipments (ICU Equipments OT Equipments & other Medical Equipments ) specified in this agreement on terms and conditions here in after mentioned. Any addition/Deletion of Machines/Equipment shall be subject to terms and conditions of this agreement.

#### **Terms of Agreement**

This agreement shall remain in force for the period from **25.07.2023 to 24.07.2024** for **1 years** it shall be open to either party to terminate this agreement any time during the said period by giving one month notice to the other party in writing.

#### **Maintenance**

Annual Maintenance contract.

Under this annual maintenance contract the following service will be provide.

- ❖ Quarterly preventive maintenance and checks
- ❖ The amc period starts from **25.07.2023 to 24.07.2024**
- ❖ AMC- Annual Maintenance Contract Year With 3 Preventive Maintenance Visit +Emergency Calls
- ❖ Operating system level support without any spare parts

66a/7, Fathima Nagar, Bye Pass Road, Madurai - 16.  
Phone : 93459 79078 / E-mail : [healthcarememe@gmail.com](mailto:healthcarememe@gmail.com)