



## CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/11805

Page. No : 1 of 1

**Customer Name & Address**

GOVERNMENT COMMUNITY HEALTH CENTRE,  
KALLAPADI-632209,VELLORE DISTRICT.

SRF No.	SRF/23/00422-0001
SRF Date	27-09-2023
Date of Receipt	25-09-2023
Date of Calibration	27-09-2023
Due Date for Calibration	26-09-2024
Issue Date	27-09-2023

**Details of Unit Under Calibration**

Description	Micro Pipette	Make	THERMO SCIENTIFIC
Range	100-1000µl	Model	FINNPIPETTE F3
Resolution	1µl	Material	PVC
Serial Number	QW10288	Operating Range	100-1000µl
ID Number	NA	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. / 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

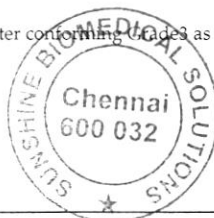
Result of Calibration in µl											
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)	
1	100	99.85	99.87	99.88	99.86	99.95	99.89	-0.11	0.03	0.47	
		99.89	99.95	99.90	99.87	99.90					
2	500	499.90	499.95	499.90	499.90	499.95	499.90	-0.10	0.03	0.47	
		499.89	499.88	499.85	499.85	499.90					
3	1000	999.89	999.88	999.89	999.87	999.90	999.91	-0.09	0.03	0.47	
		999.93	999.90	999.91	999.94	999.95					

**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 Grade 3 as specified in ISO 3696.

Calibrated By,

*M. Adhiban*  
(Calibration Engineer)  
M.ADHIBAN



Authorised by:

*C. Sivabalan*  
(Quality Manager/Chief Executive)  
C.SIVABALAN

## 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/23/11806

Page No: 1 of 1

**Customer Name & Address**

GOVERNMENT COMMUNITY HEALTH CENTRE,  
KALLAPADI-632209,VELLORE DISTRICT.

SRF No.	SRF/23/00422-0002
SRF Date	27-09-2023
Date of Receipt	25-09-2023
Date of Calibration	27-09-2023
Due Date for Calibration	26-09-2024
Issue Date	27-09-2023

**Details of Unit Under Calibration**

Description	Micro Pipette	Make	THERMO SCIENTIFIC
Range	10-100µl	Model	FINNPIPETTE F3
Resolution	0.2µl	Material	PVC
Serial Number	RW10000	Operating Range	10-100µl
ID Number	NA	Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LABORATORY

**Environmental Condition**

**Calibration Method Used**

Temperature (°C)	23.7	Humidity (%RH)	57	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	10.0	9.97	9.95	9.96	9.98	9.94	9.96	-0.04	0.02	0.47
		9.93	9.98	9.95	9.96	9.97				
2	50.0	49.86	49.87	49.85	49.86	49.87	49.87	-0.13	0.01	0.47
		49.85	49.88	49.89	49.87	49.89				
3	100.0	99.85	99.87	99.88	99.86	99.95	99.89	-0.11	0.03	0.47
		99.89	99.95	99.90	99.87	99.90				

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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,

*M. Adhivan*  
(Calibration Engineer)  
MADHIBAN



Authorised by:

*C. Sivabalan*  
(Quality Manager/Chief Executive)  
C.SIVABALAN

## 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/23/11807

Page No: 1 of 1

**Customer Name & Address**

GOVERNMENT COMMUNITY HEALTH CENTRE,  
KALLAPADI-632209,VELLORE DISTRICT.

SRF No.	SRF/23/00422-0003
SRF Date	27-09-2023
Date of Receipt	25-09-2023
Date of Calibration	27-09-2023
Due Date for Calibration	26-09-2024
Issue Date	27-09-2023

**Details of Unit Under Calibration**

Description	Micro Pipette	Make	GB MAXIPET
Range	100-1000µl	Model	NA
Resolution	5µl	Material	PVC
Serial Number	ME411749	Operating Range	100-1000µl
ID Number	NA	Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LABORATORY

**Environmental Condition**

**Calibration Method Used**

Temperature (°C)	23.7	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 Weighing Balance	15112918	TVCSP/22/12/2115-01	A&D & GH-252	National Standards	09-12-2023

Z Factor: 1.00319

**Result of Calibration in µl**

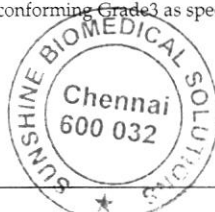
SI. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	100	99.95	99.97	99.94	99.96	99.98	99.93	-0.07	0.04	0.47
		99.89	99.95	99.90	99.87	99.90				
2	500	499.90	499.95	499.90	499.90	499.95	499.95	-0.05	0.03	0.47
		499.97	499.96	499.97	499.99	499.98				
3	1000	999.89	999.88	999.89	999.87	999.90	999.91	-0.09	0.03	0.47
		999.93	999.90	999.91	999.94	999.95				

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(Calibration Engineer)  
M.ADHIBAN



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(Quality Manager/Chief Executive)  
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