



CALIBRATION CERTIFICATE

Page. No : 1 of 1

Certificate No: SBS/CL/23/06917

Customer Name & Address

GOVERNMENT URBAN PRIMARY HEALTH CENTRE,
MARIYANATHAPURAM-624003,DINDIGUL DISTRICT.

SRF No.	SRF/23/00210-0033
SRF Date	08-06-2023
Date of Receipt	02-06-2023
Date of Calibration	08-06-2023
Due Date for Calibration	07-06-2024
Issue Date	08-06-2023

Details of Unit Under Calibration

Description	Micro Pipette	Make	MICROPET
Range	1000µl	Model	
Resolution	FIXED	Material	PVC
Serial Number		Operating Range	
ID Number		Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	

Environmental Condition

Calibration Method Used

Temperature (°C)	24.8	Humidity (%RH)	53	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

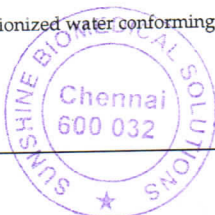
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	1000	999.72	999.74	999.76	999.75	999.74	999.76	-0.24	0.02	0.47
		999.76	999.78	999.77	999.76	999.79				

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)
 P.MYILSAMY



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/23/06916

Page: No : 1 of 1

Customer Name & Address

GOVERNMENT URBAN PRIMARY HEALTH CENTRE,
MARIYANATHAPURAM-624003,DINDIGUL DISTRICT.

SRF No.	SRF/23/00210-0032
SRF Date	08-06-2023
Date of Receipt	02-06-2023
Date of Calibration	08-06-2023
Due Date for Calibration	07-06-2024
Issue Date	08-06-2023

Details of Unit Under Calibration

Description	Micro Pipette	Make	THERMO SCIENTIFIC
Range	100-1000µl	Model	FINNPIPETTE F3
Resolution	1µl	Material	PVC
Serial Number	RW13604	Operating Range	
ID Number		Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	

Environmental Condition

Calibration Method Used

Temperature (°C)	24.8	Humidity (%RH)	53	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	TVCSP22/12/2115-01	A&D & GH-252	National Standards	09-12-2023

Z Factor: 1.00319

Result of Calibration in µl

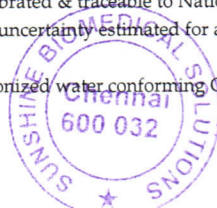
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	100	99.92	99.94	99.95	99.94	99.93	99.95	-0.05	0.02	0.47
		99.94	99.96	99.94	99.97	99.98				
2	500	499.84	499.86	499.88	499.86	499.87	499.87	-0.13	0.02	0.47
		499.86	499.87	499.88	499.89	499.89				
3	1000	999.72	999.74	999.76	999.75	999.74	999.76	-0.24	0.02	0.47
		999.76	999.78	999.77	999.76	999.79				

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)
 P.MYLSAMY



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/23/06920

Customer Name & Address

GOVERNMENT URBAN PRIMARY HEALTH CENTRE,
MARIYANATHAPURAM-624003,DINDIGUL DISTRICT.

SRF No.	SRF/23/00210-0036
SRF Date	08-06-2023
Date of Receipt	02-06-2023
Date of Calibration	08-06-2023
Due Date for Calibration	07-06-2024
Issue Date	08-06-2023

Details of Unit Under Calibration

Description	Micro Pipette	Make	MICROPET
Range	10µl	Model	
Resolution	FIXED	Material	PVC
Serial Number		Operating Range	
ID Number		Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	

Environmental Condition

Temperature (°C)	24.8	Humidity (%RH)	53
Atmospheric Pressure (mbar)	1006	Water Temperature (°C)	21.6

Calibration Method Used

National / International Standard	ISO 8655-6:2002
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	TVCSP22/12/2115-01	A&D & GH-252	National Standards	09-12-2023

Z Factor: 1.00319


Result of Calibration in µl

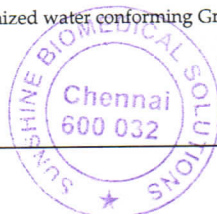
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	10	9.95	9.97	9.95	9.97	9.96	9.97	-0.03	0.01	0.47
		9.98	9.98	9.99	9.97	9.98				

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)
 P.MYILSAMY



Authorised by:


 (Quality Manager/Chief Executive)
 D.VETRI SELVI



CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/06919

Page. No : 1 of 1

Customer Name & Address

GOVERNMENT URBAN PRIMARY HEALTH CENTRE,
MARIYANATHAPURAM-624003,DINDIGUL DISTRICT.

SRF No.	SRF/23/00210-0035
SRF Date	08-06-2023
Date of Receipt	02-06-2023
Date of Calibration	08-06-2023
Due Date for Calibration	07-06-2024
Issue Date	08-06-2023

Details of Unit Under Calibration

Description	Micro Pipette	Make	MICROPET
Range	100µl	Model	
Resolution	FIXED	Material	PVC
Serial Number		Operating Range	
ID Number		Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	

Environmental Condition

Temperature (°C)	24.8	Humidity (%RH)	53
Atmospheric Pressure (mbar)	1006	Water Temperature (°C)	21.6

Calibration Method Used

National / International Standard	ISO 8655-6:2002
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	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	99.95	99.94	99.94	99.95	99.94	99.94	-0.06	0.01	0.47
		99.95	99.94	99.95	99.94	99.93				

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)
 P.MYILSAMY



Authorised by:


 (Quality Manager/Chief Executive)
 D.VETRI SELVI



CALIBRATION CERTIFICATE

Page. No : 1 of 1

Certificate No: SBS/CL/23/06918

Customer Name & Address

GOVERNMENT URBAN PRIMARY HEALTH CENTRE,
MARIYANATHAPURAM-624003,DINDIGUL DISTRICT.

SRF No.	SRF/23/00210-0034
SRF Date	08-06-2023
Date of Receipt	02-06-2023
Date of Calibration	08-06-2023
Due Date for Calibration	07-06-2024
Issue Date	08-06-2023

Details of Unit Under Calibration

Description	Micro Pipette	Make	THERMO SCIENTIFIC
Range	10-100µl	Model	FINNPIPETTE F3
Resolution	0.2µl	Material	PVC
Serial Number	RW10580	Operating Range	
ID Number		Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	

Environmental Condition

Calibration Method Used

Temperature (°C)	24.8	Humidity (%RH)	53	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	TVCSP22/12/2115-01	A&D & GH-252	National Standards	09-12-2023

Z Factor: 1.00319


Result of Calibration in µl

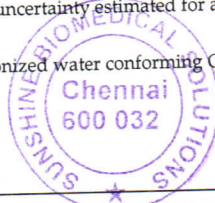
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	10	10.01	10.03	10.02	10.02	10.03	10.02	0.02	0.01	0.47
		10.02	10.01	10.01	10.02	10.01				
2	50	50.10	50.09	50.08	50.10	50.10	50.08	0.08	0.01	0.47
		50.08	50.08	50.07	50.07	50.07				
3	100	99.95	99.94	99.94	99.95	99.94	99.94	-0.06	0.01	0.47
		99.95	99.94	99.95	99.94	99.93				

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)
 P.MYILSAMY



Authorised by:


 (Quality Manager/Chief Executive)
 D.VETRI SELVI