

					J/12/1	BRATIO					P	age. No : 1 of 1	
		L/23/06917											
ustomer l	Name & A	ddress					SRF No.			S	RF/23/00210-0033	,	
							SRF Date				8-06-2023		
				H CENTRE,			Date of Re	coint			2-06-2023		
IARIYAN	IATHAPUI	RAM-624003	,DINDIGU	L DISTRICT			Date of Ca	_			18-06-2023		
					•		Due Date		tion		7-06-2024		
									tion		08-06-2023		
					51		Issue Date				00 00 2020		
Details of	Unit Unde	er Calibratio					Make			1	MICROPET		
Descriptio	ption Micro Pipette										VIICKOI ET		
Range			1000μl				Model				PVC		
Resolutio	n		FIXED				Material				PVC		
Serial Nu	mber						Operating						
ID Numb	er						Condition of UUC				Good		
Cal. At			Mechanica	ıl Lab		S. 6	Instrument Location						
				l Condition					Cali	bration M	ethod Used		
		Env									ISO 8655-6:2002		
Temperat	ture (°C)		24.8	Humidity	(%RH)	53	National / International Standard				y		
Atmosph	eric Pressu	re (mbar)	1006	Water Temp	erature (°C)	21.6	Cal Proce	dure No			SBS/CP/ML/08		
Standard	Used												
SI. No.	0.18/10/7/03/07	ription	ID.No	. / SI. No.		Certificate No.		Make	e/Model	7	raceability	Valid till	
1	Electronic Weighing 15112019 TVCSPI 22/12/21						5-01 A&D & GH-252 Na			Nati	National Standards 09-12-		
	Da	iarice									Z Factor: 1.	00319	
						Result of Cali	bration in p	ıl					
	Sl. No.	Nominal Observed Readings						Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±	1	

CALIBRATION CERTIFICATE

Remarks

1

Value

1000

1. This Calibration certificate shall not be reproduced except in full, without written approval of the laboratory.

999.76

999.77

999.75

999.76

2. The user should determine the suitability of the instrument for its intended use.

999.74

999.78

- 3. The recalibration interval should be determined on the user requirement.
- 4. The results stated in this certificate relate only to the item calibrated.

999.72

999.76

- 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

Chennal 600 032

Authorised by:

Manager/Chief Executive) D.VETRI SELVI

0.47

SUNSHINE BIOMEDICAL SOLUTIONS

-0.24

999.76

999.74

999.79

0.02



		CALI	BRATIC	ON CERTIFICATE	
Certificate No: SBS/CL/23/0691	6				Page. No:1 of 1
Customer Name & Address	0				
				SRF No.	SRF/23/00210-0032
GOVERNMENT URBAN PRIM	ARY HEA	LTH CENTRE,		SRF Date	08-06-2023
MARIYANATHAPURAM-6240	03,DINDIO	GUL DISTRICT.		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 Calibrat	ion				
Description	Micro Pi	pette		Make	THERMO SCIENTIFIC
Range	100-1000	μl		Model	FINNPIPETTE F3
Resolution	1µl			Material	PVC -
Serial Number	RW1360	4		Operating Range	-
ID Number				Condition of UUC	Good
Cal. At	Mechani	cal Lab		Instrument Location	
En	vironmen	tal Condition		Calibratio	on 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					7

Z Factor: 1.00319

Traceability

National Standards

Valid till

09-12-2023

					Result of Cali	bration in μ	ıl			8	
Sl. No.	Nominal Value		O	bserved Read	dings	Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)		
6	100	99.92	99.94	99.95	99.94	99.93	99.95	-0.05	0.02	0.47	
1	100	99.94	99.96		-0.03	0.02	0.17				
	F00	499.84	499.86	499.88	499.86	499.87	499.87	0.13	0.02	0.47	
2	500	499.86	499.87	499.88	499.89	499.89	499.07	-0.13	0.02		
2	1000	999.72	999.74	999.76	999.75	999.74	999.76	-0.24	0.02	0.47	
3	3 1000	999.76	999.78	999.77	999.76	999.79	999.76	-0.24	0.02	0.4/	

Certificate No.

TVCSPL22/12/2115-01

Make/Model

A&D & GH-252

Remarks

SI. No.

1

- $1. This\ Calibration\ certificate\ shall\ not\ be\ reproduced\ except\ in\ full,\ without\ written\ approval\ of\ the\ laboratory.$
- 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.

ID.No. / SI. No.

15112918

- 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,

Description

Electronic Weighing

Balance

(Calibration Engineer)
P.MYILSAMY

Authorised by:

(Quality Manager/Chief Executive)
D.VETRI SELVI

SUNSHINE BIOMEDICAL SOLUTIONS



		CALI	<u>BRA II</u>	ON CERTIFICATE	
Certificate No: SBS/CL/23/06920)				Page. No: 1 of 1
Customer Name & Address					100
				SRF No.	SRF/23/00210-0036
GOVERNMENT URBAN PRIM	ARY HEAL	TH CENTRE,		SRF Date	08-06-2023
MARIYANATHAPURAM-6240	03,DINDIG	UL DISTRICT. '		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 Calibrat	on				-
Description	Micro Pip	ette		Make	MICROPET
Range	10μ1			Model	
Resolution	FIXED			Material	PVC
Serial Number				Operating Range	,
ID Number				Condition of UUC	Good
Cal. At	Mechanic	al Lab		Instrument Location	*
. En	vironmenta	al Condition		Calibrati	on 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

Certificate No.

TVCSPL22/12/2115-01

Make/Model

A&D & GH-252

6					Result of Calil	oration in p	ηl			
Sl. No.	Nominal Value	Observed Readings						Systematic Error	Random Error	Measurement Uncertainty (±)
	10	9.95	9.97	9.95	9.97	9.96	9.97	-0.03	0.01	0.47
1	10	9.98	9.98	9.99	9.97	9.98	5.57	0.00	0.01	3127

Remarks

SI. No.

1

Description Electronic Weighing

Balance

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ID.No. / SI. No.

15112918

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

Calibrated By,

(Calibration Engineer) P.MYILSAMY

Chennal 600 032

Authorised by:

Valid till

09-12-2023

(Quality Manager/Chief Executive)

Traceability

National Standards

Z Factor: 1.00319



				CAL	IBRATI	ON CE	RTIFICATE			
Certifica	ate No: SBS/CL/23/0691	9								Page. No: 1 of 1
Custom	er Name & Address									1 age. 140 . 1 01 1
						SRF No.		~~	SRF/23/00210-0035	
GOVER	nment urban prim	ARY HEAI	TH CENTR	Ε,		SRF Dat	e	(08-06-2023	
MARIYA	IARIYANATHAPURAM-624003,DINDIGUL DISTRICT.						Receipt		02-06-2023	
							Calibration		08-06-2023	
						Due Dat	e for Calibration		07-06-2024	
					Issue Da	te		08-06-2023		
Details o	of Unit Under Calibrati	on								
Descript	Description Micro Pipette							ı	MICROPET	
Range	ge 100µl					Model				
Resoluti	on	FIXED				Material		F	PVC	
Serial N	umber					Operating Range				
[D Num]	ber					Conditio	n of UUC	C	Good	
Cal. At		Mechanic	al Lab		N. 0	Instrume	nt Location			
	Env	vironmenta	l Condition		700		Call	ibastian Non	1 . 1 x y . y	
Temnera				(0/ DII)					Method Used	
Semperature (°C) 24.8 Humidity (%RH) 53				53	National / International Standard			ISO 8655-6:2002		
Atmosph	Atmospheric Pressure (mbar) 1006 Water Temperature (°C) 21.6				21.6	Cal Procedure No			BS/CP/ML/08	ż
Standard	Used									
SI. No.	Description	ID.No.	. / SI. No.		Certificate No		Make/Model	Tra	aceability	Valid till
1	Electronic Weighing	151	12918	TV	CSPI 22/12/211	5.01	A & D & CLI 252	N	10-1	

					Result of Cali	ibration in	ul			Z Factor: 1.0031
Sl. No.	Nominal Value	0	bserved Read	Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)			
1	100	99.95	99.94	99.94	99.95	99.94				
1 100	99.95 99.94 99.95 99.94 99.93				99.94	-0.06	0.01	0.47		

A&D & GH-252

TVCSPL22/12/2115-01

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.

15112918

- 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,

Balance

(Calibration Engineer) P.MYILSAMY

Chennai

Authorised by:

09-12-2023

(Quality Manager/Chief Executive)

National Standards



				CALIE	<u> BRATIOI</u>	V CER	TIFICATE			** ****
anti fi anto	No: SBS/CL/23/06918								Pa	ge. No : 1 of 1
	Name & Address									
ustonici	Tunic & Table					SRF No.		S	RF/23/00210-0034	
OVERNIA	MENT URBAN PRIMAI	RY HEALTH	E CENTRE,			SRF Date		0	8-06-2023	
	JATHAPURAM-624003					Date of Rec	eipt	0	2-06-2023	
IAKIYAN	ATHATOKAW-024000	,511(51002				Date of Cal	ibration	0	8-06-2023	
						Due Date f	or Calibration	0	7-06-2024	
							Issue Date 0			
Details of	Unit Under Calibratio	n		٠				-	THERMO SCIENTIFI	C
Description	on	Micro Pipet	te			Make			FINNPIPETTE F3	
Range		10-100µl				Model	5			
Resolutio	n	0.2µl				Material			PVC	
erial Nu		RW10580				Operating Range				
D Numb						Condition of UUC			Good	
Cal. At	Ci	Mechanical	Lab			Instrument Location				
	Env	rironmental	Condition				Calib	ration M	ethod Used	
Environmental Condition Temperature (°C) 24.8 Humidity (%RH) 53						National / International Standard			ISO 8655-6:2002	
Atmospheric Pressure (mbar) 1006 Water Temperature (°C) 21.6				21.6	Cal Procedure No			SBS/CP/ML/08		
	standard Used									Valid till
	Description	ID.No. / SI. No.			Certificate No.		Make/Model	7	Traceability	valid till
1	I. No. Description ID. No. / St. No. Electronic Weighing 15112018 TVCSPL22/1			CSPL22/12/211	5-01	A&D & GH-252	Nati	National Standards (

Z Factor: 1.0	0319
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				I	Result of Calib	oration in p	ıl				
Sl. No.	Nominal Value		Ol	oserved Read	lings	Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)		
		10.01	10.03	10.02	10.02	10.03	10.02	0.02	0.01	0.47	
1 6	1 10	10.02	10.01	10.01	10.02	10.01	2010				
		50.10	50.09	50.08	50.10	50.10	50.08	0.08	0.01	0.47	
2	2 50	50.08	50.08	50.07	50.07	50.07	30.00	0.00	-		
		99.95	99.94	99.94	99.95	99.94	99.94	-0.06	0.01	0.47	
3	100	100 99.95	99.94	99.95	99.94	99.93	79.54	3,00	P		

Remarks

Balance

- 1. This Calibration certificate shall not be reproduced except in full, without written approval of the laboratory.
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- 3. The recalibration interval should be determined on the user requirement.
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- 7. Calibration Liquid Used: Distilled or Deionized water conforming Grade3 as specified in ISO 3696. Calibrated By,

(Calibration Engineer) P.MYILSAMY

Chennai

Authorised by:

(Quality Manager/Chief Executive)