

		<u>CALIBI</u>	RATIO	N CER	TIFICA	TE		
CERTIFICATE NO:	SBS/CL/2	3/14348	· .		MECHANIC	AL	Page No:1 of 1	
Issue Date			12-1	12-10-2023				
SRF No & Date			SRF	7/23/00879-00	01 & 12-10-	2023		
Receipt Date				10-2023				
Calibration Date			12-1	10-2023				
Calibration Due			11-1	10-2024				
Customer Name & A	ddress					· .		
GOVERNMENT PR	MARY HEALTH	CENTRE,			***			
ORAIYUR-607108,0	UDDALORE DI	STRICT.						
		Details	of Device	Under Calib	ration (DUC	)		
Description	UGE	Make & Model :			LINCO SCIENTI	FIC INSTRUMENT & T-		
Range	Range : 3500 RPM			No	:	718108-09		
Resolution	10 RPM	Identification No			NA			
DUC Condition	Satisfacto	ry	Location :			LABORATORY		
	<u>En</u> vli	onmental Con	ditions & S	tandard Ope	rating Proc	edure Details		
Environmental Detai	s	Temperature:	25.5°C	Relative Hu	midity	52%Rh	<del> </del>	
Calibration Procedure No SBS/CP/ML			4	Calibration of	done at ONSITE			
			Reference	Standards D	etails		<del></del>	
S.No Description		N	lake/ SI No	:	Certificate	No	Validity	
1 Digital Tachor	neter	L	INE SEIKI /	175-0034V	JRPM-CCT	09-06-2024		

### **CALIBRATION RESULTS**

S.No	DEVICE UNDER CALIBRATION	STANDARD INSTRUMENTS	DEVIATION	EXPANDED UNCERTAINTY		
	RPM	RPM	RPM	%		
_1	1000	999.0	1.0	4.2		
2	2000	1999.6	0.4	4.2		
3	3000	2999.5	0.5	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.

(Calibration Engineer)
E.ESWAR



Authorised Signatory

(Quality Manager) (Chief Executive)

(C.SIVABALAN)

# **SUNSHINE BIOMEDICAL SOLUTIONS**



	CAL	IBRATIO	N CERT	TIFICA T	<u></u>				
CERTIFICATE NO: SBS/C	L/23/14349		M	EDICAL DE	/ICES	Page No:1 of 1			
Issue Date SRF No & Date Receipt Date Calibration Date Calibration Due Customer Name & Address		SRI 12- 12-	MEDICAL DEVICES Page No:1 of 12-10-2023 SRF/23/00879-0002 & 12-10-2023 12-10-2023 12-10-2024						
GOVERNMENT PRIMARY	HEALTH CENTR	RE,	<del></del>	<del></del> .					
ORAIYUR-607108,CUDDAI	LORE DISTRICT	· · · · · · · · · · · · · · · · · · ·							
		Details of Device	Under Calibrat	ion (DUC)	<u> </u>	<del> </del>			
Range : M Resolution : M	SBS/CP/MD/	Sr. M Iden Loca Imental Conditions 0:25.6°C 720	tification No ation & Calibration Relative Hum Calibration do Standards Deta	idity one at	52% RH ONSITE	Validity 10-08-2024			
		FLECTO	ICAL GAEETY						
RESULTS	_·	ELECIA	ICAL SAFETY	<del></del>	<del></del>				
S.no SPECIFICA  1 Insulation Res		<u> </u>	URED VALUE	_	EXPANDED UNCERTAINTY (±)				
>20M		Measu	red values in N 87	ΜΩ	Uncertainty in % (±)				
2 Earth Lea	kage	Measu	red values in p	ıA Ai	13.92 Uncertainty in % (±)				
<5000µAfor E 3 Enclosure I			195		9.3				
3 Enclosure L <500µAfor B		Measu	red values in p	JA .	Uncertainty	/ in % ( ±)			
REMARKS		<u> </u>	241		8.4	4			

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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

(Calibration Engineer) E.ESWAR





Chief Executive

**Authorised Signatory** 

# SUNSHINE BIOMEDICAL SOLUTIONS



Certificate No: SBS Customer Name & GOVERNMENT PR ORAIYUR-607108,0  Details of Unit Unit Description Range Resolution Serial Number ID Number	Address RIMARY HEA CUDDALORI	ALTH CENT E DISTRICT				H	Acceipt Calibration For Calibration		SRF/23/00879 12-10-2023 11-10-2023 12-10-2023 11-10-2024 12-0-2023	Page. No:1 of 1
ORAIYUR-607108,0  Details of Unit Unit Description Range Resolution Serial Number ID Number	RIMARY HEA	E DISTRICT				SRF Date Date of R Date of C	Acceipt Calibration For Calibration		12-10-2023 11-10-2023 12-10-2023 11-10-2024	9-0003
Details of Unit Unit Description Range Resolution Serial Number ID Number	CUDDALORI	E DISTRICT				SRF Date Date of R Date of C	Acceipt Calibration For Calibration		12-10-2023 11-10-2023 12-10-2023 11-10-2024	9-0003
Details of Unit Unit Description Range Resolution Serial Number ID Number		ion				Date of R Date of C Due Date	Acceipt Calibration For Calibration		11-10-2023 12-10-2023 11-10-2024	
Description Range Resolution Serial Number ID Number	der Calibrati	1		·		Date of C	Calibration e for Calibration		12-10-2023 11-10-2024	
Description Range Resolution Serial Number ID Number	der Calibrați	1				Due Date	for Calibration		11-10-2024	
Description Range Resolution Serial Number ID Number	der Calibrati	1		·····		ļ			-	
Description Range Resolution Serial Number ID Number	der Calibrati	1				Issue Dat	te		12-0-2023	
Description Range Resolution Serial Number ID Number	der Calibrati	1								
Range Resolution Serial Number ID Number		1								
Resolution Serial Number ID Number		Description Micro Pipette				Make			THERMO SO	IENTIFIC
Serial Number ID Number		10µl FIXEI	ED Model					FINNPIPET	ΓΕ F3	
ID Number				_	-	Material		PVC	PVC	
		NA				Operating Range 10µl FIXED				
Cal At	D Number NA Condition of UUC Good					Good				
Cal. At	al. At Mechanical Lab					Instrume	nt Location	LABORATORY		
	Env	rironmental	Condition			_	Calibrat	on Metho	od Used	
Temperature (°C) 23.9			Humidity (%RH)		55	National	National / International Standard		ISO 8655-6:2002	
Atmospheric Press	ure (mbar)	1006	Water Temp	erature (°C)	21.6	Cal Proce	dure No	SBS/CP/ML/08		
Standard Used	_	<del></del>							<u> </u>	
SI. No. Des	cription	ID.No.	/SI. No.	, ,	Certificate No		Make/Model	Тгас	ceability	Valid till

				Res	ult of Calibra	ition in µl				
Sl. No.	Nominal Observed Readings						Mean Value	Systemati c Error	Random Error	Measurement Uncertainty (±)
1	1 10	9.94	9.97	9.95	9.96	9.95	0.04			
•	1 10 [	9.95	9.93	9.98	9.97	9.96	9.96	-0.04	0.02	0.47

TVCSPL22/12/2115-01

A&D & GH-252

#### 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.

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

Electronic Weighing

Balance

(Calibration Engineer) M.RAGUL

Chennai 600 032

(Quality Manager/Chief Executive)

C.SIVABALAN

National Standards

09-12-2023

# SUNSHINE BIOMEDICAL SOLUTIONS



			<u>CA</u>	LIBRA	ATION	CERTI	<u>FICATE</u>				
Certifica	ite No: SBS/CL/23/14351	l								Page. No:1 of 1	
Custome	er Name & Address										
GOVERN	NMENT PRIMARY HEA	ALTH CEN	TTRE,			SRF No.			SRF/23/00879	9-0004	
ORAIYUR-607108,CUDDALORE DISTRICT.						SRF Date	e	-	12-10-2023		
						Date of F	Receipt		11-10-2023		
						Date of C	Calibration		12-10-2023		
							e for Calibration		11-10-2024		
						Issue Da	Issue Date			12-0-2023	
Details o	of Unit Under Calibrati	on									
Descript	Description Micro Pipette Make					Make	Make			THERMO SCIENTIFIC	
Range	e 100-1000µl				Model	Model			FINNPIPETTE F3		
Resoluti	on	1µ1				Material	Material				
Serial N	NA NA					Operatin	Operating Range				
D Num	ber	NA Condition of UUC Good				Good	Good				
Cal. At	At Mechanical Lab Instrument Location							LABORATORY			
	Env	ironment	al Condition				Calibra	tion Metho	od Used		
Tempera	erature (°C) 23.9 Humidity (%RH) 55 National / International S		/ International Standard		ISO 8655-6:2002						
Atmospl	Atmospheric Pressure (mbar)		1006 Water Temperature (°C)		21.6	Cal Proce	Cal Procedure No			SBS/CP/ML/08	
Standard	d Used								•		
SI. No.	Description	ID.N	o. / SI. No.		Certificate	No.	Make/Model	Tra	eability	Valid till	
1	Electronic Weighing Balance	15	112918	TV	CSPL22/12/2	2115-01	A&D & GH-252	Nationa	al Standards	09-12-2023	
								-	Z Factor:	1.00319	

										Z Factor: 1.0031
				Res	ult of Calibra	tion in µl				
Sl. No.	Nominal Value		OI	oserved Read	lings		Mean Value	Systemati c Error	Random Error	Measurement Uncertainty (±)
1	1 100	99.85	99.87	99.85	99.84	99.95	00.00	0.11	0.04	0.45
1	100	99.89 99.95 99.90 99.87 99.90	99.89	-0.11	0.04	0.47				
2	500	499.90	499.95	499.90	499.90	499.95	499.90	-0.10	0.03	0.45
_	500	499.89	499.88	499.85	499.85	499.90				0.47
3	1000	999.89	999.88	999.89	999.87	999.90	999.91	0.00	0.00	0.47
J	3 1000	999.93	999.90	999.91	999.94	999.95		-0.09	0.03	0,47

#### 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 REDIC TALES as specified in ISO 3696. coverage factor k=2.00 .

7. Calibration Liquid Used: Distilled or Deionized water

Calibrated By, (Calibration Engineer)

M.RAGUL

Chennai

3. Bivabola

(Quality Manager/Chief Executive)

C.SIVABALAN

## **SUNSHINE BIOMEDICAL SOLUTIONS**

600 032