

CALIBRATION CERTIFICATE

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Customer Name & Address		SRF No.		SRF/23/00578-0008	
GOVERNMENT URBAN PRIMARY HEALTH CENTRE, THOPOKANNA,ARCOT-632503,RANIPET DISTRICT.		SRF Date		06-10-2023	
		Date of Receipt		05-10-2023	
		Date of Calibration		06-10-2023	
		Due Date for Calibration		05-10-2024	
		Issue Date		06-10-2023	

Details of Unit Under Calibration			
Description	Micro Pipette	Make	DIAGNO PETTE
Range	100-1000µl	Model	NA
Resolution	10µl	Material	PVC
Serial Number	NA	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)	23.5	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	TVCSPL22/12/2115-01	A&D & GH-252	National Standards	09-12-2023

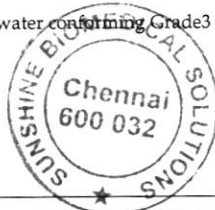
Z Factor: 1.00319


Result of Calibration in µl											
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)	
1	100	99.91	99.94	99.95	99.97	99.96	99.95	-0.05	0.02	0.47	
		99.93	99.96	99.98	99.94	99.95					
2	500	499.90	499.87	499.89	499.85	499.87	499.87	-0.13	0.02	0.47	
		499.89	499.88	499.85	499.83	499.90					
3	1000	999.89	999.88	999.89	999.87	999.86	999.88	-0.12	0.02	0.47	
		999.87	999.84	999.91	999.89	999.87					

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)
 M.RAGUL



Authorised by:

 (Quality Manager/Chief Executive)
 C.SIVABALAN

SUNSHINE BIOMEDICAL SOLUTIONS

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