

637464721 - WAKI



CALIBRATION CERTIFICATE

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Certificate No: SBS/CL/23/12511

Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE,
ESWARACHETTPALAYAM-638702, TIRUPPUR DISTRICT.

SRF No.	SRF/23/09453-0004
SRF Date	30-09-2023
Date of Receipt	28-09-2023
Date of Calibration	30-09-2023
Due Date for Calibration	29-09-2024
Issue Date	30-09-2023

Details of Unit Under Calibration

Description	MICRO PIPETTE	Make	THERMO SCIENTIFIC
Range	100-1000µl	Model	FINNPIPETTE F3
Resolution	1µl	Material	PVC
Serial Number	RW13845	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)	54	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. / Sl. 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	99.90	99.90	99.92	99.93	99.94	99.93	-0.07	0.02	0.47
		99.96	99.94	99.92	99.93	99.94				
2	500	499.96	499.97	499.98	499.95	499.96	499.97	-0.03	0.01	0.47
		499.96	499.97	499.98	499.98	499.98				
3	1000	999.96	999.96	999.95	999.94	999.93	999.94	-0.06	0.02	0.47
		999.96	999.95	999.93	999.92	999.91				

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 of minimum Grade3 as specified in ISO 3696.

Calibrated By,

M. Adhivan
(Calibration Engineer)
MADHUBAN



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.

