

SJV Scientific Company

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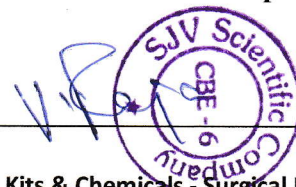
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GSTIN: 33AJXPR6161K1ZG

CALIBRATION REPORT

REPORT No.	23092581426	CDS No.	1426
DATE:	29-09-2023	Instrument	: MICROPIPETTE
Customer Name: THE MEDICAL OFFICER GOVT. PRIMARY HEALTH CENTRE MATHAMPALAYAM		Type	: Variable Volume
		Brand	: Thermoscientific
		Model	: FinnpiPETTE F3
		Range	: 100 - 1000 µl
		Serial No	: RW02768
		Received on	: 27-09-23
Environmental Conditions:			
Temperature	27.7°C	Atmospheric Pressure	: 1004 hpa
Humidity	58%RH	Z Factor	: 1.0045 µl/mg
Balance Used For Calibration:			
Brand: SHIMADZU (AUW220D) SI.No. D561600036		Capacity: 220g, Readability: 0.01mg	
Traceability of Calibration:			
Master Name	Lab ID No. / Sr No.	Valid upto	Traceability
Semi Microbalance	PCS/MASTER/SMB/01	13-06-2024	Equation, Chennai
Semi Microbalance Calibrated at NABL Accredited Calibration Laboratory.			
1. Lower Volume: 100 µl No.of Measurements: 10			
100.31	100.19	100.26	100.10
100.30	100.13	100.37	100.44
100.16	100.04		
Mean Volume V:	100.23 µl	Error Limits	Error Limits
Systematic Error es µl :	0.23 (± 0.8 µl)	Random Error in Sr µl :	0.13 (± 0.3 µl)
Systematic Error in % :	0.23 (± 0.8 %)	Random Error in CV % :	0.13 (± 0.3 %)
2. Middle Volume: 500 µl No.of Measurements: 10			
500.26	498.42	499.93	500.35
500.59	500.17	499.92	500.43
501.70	495.83		
Mean Volume V:	499.76 µl	Error Limits	Error Limits
Systematic Error es µl :	-0.24 (± 4.0 µl)	Random Error in Sr µl :	1.60 (± 1.5 µl)
Systematic Error in % :	-0.05 (± 0.8 %)	Random Error in CV % :	0.32 (± 0.3 %)
3. Nominal Volume: 1000 µl No.of Measurements: 10			
997.39	998.90	999.74	999.40
998.39	999.90	996.65	996.84
997.54	998.81		
Mean Volume V:	998.36 µl	Error Limits	Error Limits
Systematic Error es µl :	-1.64 (± 8.0 µl)	Random Error in Sr µl :	1.19 (± 3.0 µl)
Systematic Error in % :	-0.16 (± 0.8 %)	Random Error in CV % :	0.12 (± 0.3 %)
Calibration Procedure as per ISO 8655 Part 6			
Calibrated on: 29-09-2023		Calibration Due On: 28-09-2024	

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Sales & Service:

Blood Glucometer - BP Apparatus - Weighing Scale - Nebulizer - ECG Machine - Lab Kits & Chemicals - Surgical Instruments.