

# S J V Scientific Company

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GSTIN: 33AJXPR6161K1ZG

## CALIBRATION REPORT

REPORT No.	23102601434	CDS No.	1434							
DATE:	06-10-2023	Instrument	: MICROPIPETTE							
Customer Name: <b>THE MEDICAL OFFICER</b> GOVT. PRIMARY HEALTH CENTRE GUDALUR GOUNDAMPALAYAM - 641020		Type	: Variable Volume							
		Brand	: Micropet							
		Model	: ---							
		Range	: 100 - 1000 µl							
		Serial No.	: ---							
		Received on	: 04-10-23							
<b>Environmental Conditions:</b>										
Temperature	27.7°C	Atmospheric Pressure	: 1004 hpa							
Humidity	58%RH	Z Factor	: 1.0045 µl/mg							
<b>Balance Used For Calibration:</b>										
Brand: SHIMADZU (AUW220D) SI.No. D561600036		Capacity: 220g, Readability: 0.01mg								
<b>Traceability of Calibration:</b>										
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.										
<b>1. Lower Volume: 100 µl</b> No.of Measurements: 10										
100.40	100.27	100.43	99.09	99.41	99.22	100.41	100.44	100.36	100.34	
Mean Volume V:		100.04 µl	Error Limits		Error Limits					
Systematic Error es µl :		0.04	(± 0.8 µl)		Random Error in Sr µl :		0.56		(± 0.3 µl)	
Systematic Error in % :		0.04	(± 0.8 %)		Random Error in CV %:		0.56		(± 0.3 %)	
<b>2. Middle Volume: 500 µl</b> No.of Measurements: 10										
500.59	500.26	500.59	500.41	500.27	490.13	490.85	491.16	501.80	497.84	
Mean Volume V:		497.39 µl	Error Limits		Error Limits					
Systematic Error es µl :		-2.61	(± 4.0 µl)		Random Error in Sr µl :		4.72		(± 1.5 µl)	
Systematic Error in % :		-0.52	(± 0.8 %)		Random Error in CV %:		0.95		(± 0.3 %)	
<b>3. Nominal Volume: 1000 µl</b> No.of Measurements: 10										
1003.14	986.65	990.12	999.40	1004.32	999.90	987.59	997.36	999.56	1004.48	
Mean Volume V:		997.25 µl	Error Limits		Error Limits					
Systematic Error es µl :		-2.75	(± 8.0 µl)		Random Error in Sr µl :		6.75		(± 3.0 µl)	
Systematic Error in % :		-0.27	(± 0.8 %)		Random Error in CV %:		0.68		(± 0.3 %)	
Calibration Procedure as per ISO 8655 Part 6										
Calibrated on: 06-10-2023				Calibration Due On: 05-10-2024						

*V. Raju Head of Lab*

**SJV Scientific Company**

Sales & Service:

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