

MK BEST CALIBRATION SERVICES

NABL ACCREDITED CALIBRATION LABORATORY AS PER ISO/IEC17025 : 2017



No. 27, F-2, 1st Floor, 2nd Street, Varalakshmi Nagar, Maduravoyal,
(Opp. MGR Engineering College), Chennai - 600 095.

Ph.: 044 - 23780211, Cell : 93802 66480 / 86958 18108 / 90032 77250

E-mail: mkbestcalibration@gmail.com, www.mkbestcalibrationservices.com



CC-3340

CERTIFICATE OF CALIBRATION

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ULR No	CC334023000007813F	Date of Calibration	21.09.2023	Date of Receipt	21.09.2023
Certificate No	MKBL/23/09/0870-001	Due Date of Calibration	20.09.2024	Date of Issue	23.09.2023

CUSTOMER INFORMATION	DETAILS OF UNIT UNDER CALIBRATION	
M/S. SUGAM CLINICAL LAB., NO.166/4, HOSPITAL ROAD, VILLUPURAM.	Description	MICROPIPETTE 1
	Make / Model	AUTO / 17580267
	Range/Resolution	100 to 1000 µl / 5 µl
	Serial No	VV1000
	Identification No	SCL/CB/GEN/02
	Location	---
	Calibrated at	LAB

STANDARD INSTRUMENTS DETAILS (The Standards Used are Traceable to National /International Standards)				
S.No	Description	Id.No/Sl. No	Certificate No	Validity
01	ELECTRONIC SEMI MICRO BALANCE	MK/CAL-96/477904	TVCSP/ 23/07/638-01	20.07.2024
02	DIGITAL BAROMETER	MK/CAL-143	CC287922000005116F	12.10.2023
03	DIGITAL PEN TYPE THERMOMETER	MK/CAL-160	CRMTL/01/423101578-A4	03.07.2024

ENVIRONMENTAL & DUC CONDITIONS		REFERENCE STANDARD	
Temperature	23.7 °C	Reference Std	ISO 8655-6:2002
Humidity	55 % RH	Procedure No	MKBCS - MBV - 03
Condition of UUC Receipt	Good		

CALIBRATION RESULTS

1.VOLUME CALIBRATION

S.No	UUC Reading (Mean) µl	STD Reading (Mean) µl	Deviation µl	Expanded Uncertainty (±) µl
1	5	5.00	0.00	1.18
2	10	10.07	-0.07	1.18
3	30	30.11	-0.11	1.18
4	40	40.19	-0.19	1.18
5	50	50.21	-0.21	1.18

Remarks :

- The Expanded Uncertainty Associated with the Results is Calculated at a Confidence Level of Approximately 95% with a Coverage factor of K=2
- The Calibration Certificate Shall not be Reproduced Expect In Full,Without Written Approval Of The Laboratory.
- The Recalibration Interval Should be Determined on the User Requirement
- The Results Stated In This Certificate Relate Only to the Item Calibrated
- The User Should Determine The Suitability Of The Instrument For Is Intended Use
- Resulted Volume Convert at 27°C of Water Temperature.
- Expanded Uncertainty is also Included Correction Factors.

Calibrated by

S. Chandrabose
S.Chandrabose
(Calibration Engineer)



Authorised By

L. Magesh
L.Magesh
(MD/QM)