

# MK BEST CALIBRATION SERVICES

NABL ACCREDITED CALIBRATION LABORATORY AS PER ISO/IEC17025 : 2017



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CC-3340

## CERTIFICATE OF CALIBRATION

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ULR No	CC334023000007809F	Date of Calibration	21.09.2023	Date of Receipt	21.09.2023
Certificate No	MKBL/23/09/0869-001	Due Date of Calibration	20.09.2024	Date of Issue	23.09.2023

CUSTOMER INFORMATION	DETAILS OF UNIT UNDER CALIBRATION	
M/S. JAYAM CLINICAL LABORATORY., 16/1 TAJ MAHAL COMPLEX EAST STREET, TIRUKOILUR, KALLAKURICH DIST, PIN CODE - 605757.	Description	MICROPIPETTE 2
	Make / Model	FINN PIPEPETTE / 4640090
	Range/Resolution	20 to 200 µl / 1 µl
	Serial No	VV1000
	Identification No	JCL/CB/GEN/03
	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	23.5 °C	Reference Std	ISO 8655-6:2002
Humidity	53 % RH	Procedure No	MKBCS - MBV - 03
Condition of UUC Receipt	Good		

### CALIBRATION RESULTS

I.VOLUME CALIBRATION				
S.No	UUC Reading (Mean)	STD Reading (Mean)	Deviation	Expanded Uncertainty (±)
	µl	µl	µl	µl
1	20	20.00	0.00	1.18
2	50	50.01	-0.01	1.18
3	100	100.03	-0.03	1.18
4	150	150.03	-0.03	1.18
5	200	200.05	-0.05	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  
(Calibration Engineer)



Authorised By  
  
L.Magesh  
(MD/QM)