

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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FF/7.8/01	ULR No	CC334023000007868F	Date of Calibration	22.09.2023	Date of Receipt	22.09.2023
	Certificate No	MKBL/23/09/0883-002	Due Date of Calibration	21.09.2024	Date of Issue	25.09.2023

CUSTOMER INFORMATION	DETAILS OF UNIT UNDER CALIBRATION	
M/S. P J CLINICAL LABORATORY., NO.3, POONTHOTTAM PATHAL, VILLUPURAM - 605602.	Description	MICROPIPETTE 2
	Make / Model	GLAXO / DY02033
	Range/Resolution	20 to 200 µl / 1 µl
	Serial No	VV100
	Identification No	PJL/CB/GEN03
	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	TVCSPL 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 & UUC CONDITIONS		REFERENCE STANDARD		
Temperature	23.6 °C	Reference Std	ISO 8655-6:2002	
Humidity	54 % 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	100.01	-0.01	1.18
4	150	150.02	-0.02	1.18
5	200	200.02	-0.02	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 Except 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 Its 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)

End Of Certificate -S-S-S-S