

MK BEST CALIBRATION SERVICES



एमके बेस्ट केलिब्रेशन सर्विसेस

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CERTIFICATE OF CALIBRATION

FF/7.8/01

SRF No	MKBN/22/08/0800	Date of Calibration	30.08.2022	Date of Receipt	30.08.2022
Certificate No	MKBN/22/08/0800-001	Recom. Due Date	29.08.2023	Date of Issue	30.08.2022

CUSTOMER INFORMATION

M/S., SRI VIDHYA DIAGNOSTIC CENTRE,
SAIDAPET, CHENNAI - 600 015

DETAILS OF UNIT UNDER CALIBRATION

Description	MICROPIPETTE - 1
Make / Model	DRAGON LAB / YE21AAV0078692
Range/Resolution	5 to 50 µl / 1 µl
Serial No	VV 5-50
Identification No	SVDC/CB/GEN-02
Calibrated at	LAB

STANDARD INSTRUMENTS DETAILS (The Standards Used are Traceable to National /International Standards)

S.No	Description	Id.No/SI. No	Certificate No	Validity
01	Electronic Semi Micro Balance	MK/CAL-96/477904	TVCSPL 22/07/1229	22.07.2023

ENVIRONMENTAL & DUC CONDITIONS

REFERENCE STANDARD & ACCEPTANCE LIMIT

Temperature	23 ± 1.5°C	Reference Std	ISO 8655-6:2002
Humidity	40 - 60 % RH	Procedure No	MKBCS - MBV - 03
Condition of DUC Receipt	Good		

CALIBRATION RESULTS

I.VOLUME CALIBRATION

S.No	DUC Reading (Mean) µl	STD Reading (Mean) µl	Deviation µl	Expanded Uncertainty (±) µl
1	5	5.32	-0.32	1.18
2	15	15.21	-0.21	
3	25	25.29	-0.29	
4	35	35.29	-0.29	
5	45	45.32	-0.32	
6	50	50.22	-0.22	

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 Its Intended Use.
- Resulted Volume Convert at 27°C of Water Temperature.
- Expanded Uncertainty is also Included Correction Factors.

x-x-x-x- End Of Certificate -x-x-x-x

Calibrated by

S. Murugesan
(Calibration Engineer)



Authorised By

L. Magesh
(MD/QM)

Since 15 Years

THE STANDARD INSTRUMENTS USED ARE TRACEABLE TO NABL

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION ISO 9001 : 2015.