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	CC334022000014530F	Date of Calibration	10.08.2022	Date of Reciept	10.08.2022
Certificate No	MKBL/22/08/0964-004	Recom. Due Date	09.08.2023	Date of Issue	13.08.2022

CUSTOMER INFORMATION	DETAILS OF UNIT UNDER CALIBRATION	
M/S ., ALPHA CARE SPECIALITY LAB ,	Description	MICROPIPETTE - 2
D.J COMPLEX ,	Make / Model	THERMO FISHER / FINN PIPETTE
DEVARSHOLA ROAD , GUDALUR ,	Range/Resolution	5 µl to 50 µl / 1µl
THE NILGIRIS - 643 212 .	Serial No	MW 21061
	Identification No	ACL/CB / GEN/03
	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 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

1.VOLUME CALIBRATION

S.No	DUC Reading (Mean) µl	STD Reading (Mean) µl	Deviation µl	Expanded Uncertainity (±) µl
1	10	10.02	-0.02	1.18
2	20	20.05	-0.05	
3	30	30.08	-0.08	
3	40	40.11	-0.11	
3	50	50.13	-0.13	

Remarks :

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

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

Calibrated by
S.Murugesan
(Calibration Engineer)

BEST CALIBRATION SERVICES CHENNAI

Authorised By
L.Magesh
(MD/QM)