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	CC334022000014128F	Date of Calibration	05.08.2022	Date of Reciept	05.08.2022
Certificate No	MKBL/22/08/0945-004	Recom. Due Date	04.08.2023	Date of Issue	12.08.2022

CUSTOMER INFORMATION	DETAILS OF UNIT UNDER CALIBRATION	
M/S ., SANTHI VALLUVAR LABORATURY ,	Description	MICROPIPETTE - 2
AMBATTUR , CHENNAI - 53	Make / Model	MERILETTE / ND454972
	Range/Resolution	100 µl to 1000 µl / 5 µl
	Serial No	VV 100 - 1000
	Identification No	SVL / 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	100	100.12	-0.12	7.29
2	300	300.26	-0.26	
3	500	500.37	-0.37	
3	700	700.49	-0.49	
3	1000	1000.63	-0.63	

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)

Authorised By
L.Magesh
(MD/QM)