

# 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	CC334022000013014F	Date of Calibration	21.07.2022	Date of Receipt	21.07.2022
ULR No	MKBL/22/07/0872-002	Recom. Due Date	20.07.2023	Date of Issue	25.07.2022
Certificate No					

CUSTOMER INFORMATION	DETAILS OF UNIT UNDER CALIBRATION
M/S ., RAJALAKSHMI CLINICAL LAB , NO : 51/2 , PONDY ROAD , MARAKKANAM - 604 303 .	Description MICROPIPETTE - 2
	Make / Model ---
	Range/Resolution 10 to 100 µl / 5 µl
	Serial No VAP - 600
	Identification No RCL/EQP/CB/004
	Manufacturer Name FLEXIPET
	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	TVCSP 21/07/863-01	23.07.2022

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 Uncertainty (±) µl
1	10	10.32	-0.32	1.18
2	20	20.48	-0.48	
3	50	50.59	-0.59	
4	70	70.64	-0.64	
5	100	100.78	-0.78	

#### 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.

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

Calibrated by

S. Murugesan  
(Calibration Engineer)



Authorised By

L. Magesh  
(MD/QM)