

# MK BEST CALIBRATION SERVICES

NABL ACCREDITED CALIBRATION LABORATORY AS PER ISO/IEC17025 : 2017



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CC-3340

## CERTIFICATE OF CALIBRATION

FF/7.8/01

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ULR No	CC334022000012241F	Date of Calibration	08.07.2022	Date of Receipt	07.07.2022
Certificate No	MKBL/22/07/0814-002	Recom. Due Date	07.07.2023	Date of Issue	08.07.2022

CUSTOMER INFORMATION	DETAILS OF UNIT UNDER CALIBRATION	
M/S ., SUN LABORATORY , VILLUPURAM .	Description	MICROPIPETTE - 2
	Make / Model	0.001200
	Range/Resolution	20 to 200 µl / 1 µl
	Serial No	VV100
	Identification No	SLV/CB/GEN/03
	Manufacturer Name	OZOPET
	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	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	MKBSC - 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	20	20.10	0.10	7.29
2	50	50.15	0.15	
3	100	100.20	0.20	
4	150	150.32	0.32	
5	200	200.53	0.53	

#### 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.Chandra Bose  
(Calibration Engineer)



Authorised By

L.Magesh  
(MD/QM)