

# 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	CC334022000013018F	Date of Calibration	21.07.2022	Date of Receipt	21.07.2022
Certificate No	MKBL/22/07/0873-002	Recom. Due Date	20.07.2023	Date of Issue	25.07.2022

### CUSTOMER INFORMATION

M/S ., AVM DIAGNOSTIC CENTRE ,  
NO : 2314 , NORTH MANI ROAD ,  
PUDUKOTTAI - 622 001 .

### DETAILS OF UNIT UNDER CALIBRATION

Description	MICROPIPETTE - 2
Make / Model	FINN PIPETTE
Range/Resolution	20 to 200 µl
Serial No	PW03626
Identification No	AVM/EQP/CB/005
Manufacturer Name	THERMO FISHER
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 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

#### I.VOLUME CALIBRATION

S.No	DUC Reading (Mean) µl	STD Reading (Mean) µl	Deviation µl	Expanded Uncertainty (±) µl
1	20	20.52	-0.52	7.29
2	50	50.63	-0.63	
3	100	100.74	-0.74	
4	150	150.80	-0.80	
5	200	200.84	-0.84	

#### 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 Suitablity 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)

