

# MK BEST CALIBRATION SERVICES

NABL ACCREDITED CALIBRATION LABORATORY AS PER ISO/IEC17025 : 2017



No. 27, F-2, 1st Floor, 2nd Street, Varalakshmi Nagar, Maduravoyal,  
(Opp. MGR Engineering College), Chennai - 600 095.

Ph.: 044 - 23780211, Cell : 93802 66480 / 86958 18108 / 90032 77250

E-mail: mkbestcalibration@gmail.com, www.mkbestcalibrationservices.com



CC-3340

## CERTIFICATE OF CALIBRATION

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ULR No	CC334022000014534F	Date of Calibration	10.08.2022	Date of Receipt	10.08.2022
Certificate No	MKBL/22/08/0965-004	Recom. Due Date	09.08.2023	Date of Issue	13.08.2022
CUSTOMER INFORMATION			DETAILS OF UNIT UNDER CALIBRATION		
M/S., BIO TECH DIAGNOSTIC CENTRE, ULUNDUR PET.			Description	MICROPIPETTE - 2	
			Make / Model	SSCIENCES / YE187AL0026852	
			Range/Resolution	100 µl to 1000 µl / 5 µl	
			Serial No	VV 100 - 1000	
			Identification No	BTU / CB / GEN / 03	
			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	TVC SPL 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				
<b>CALIBRATION RESULTS</b>					
<b>I.VOLUME CALIBRATION</b>					
S.No	DUC Reading (Mean) µl	STD Reading (Mean) µl	Deviation µl	Expanded Uncertainty (±) µl	
1	100	100.04	-0.04	7.29	
2	300	300.12	-0.12		
3	500	500.24	-0.24		
3	700	700.38	-0.38		
3	1000	1000.52	-0.52		
<b>Remarks :</b>					
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 Suitability Of The Instrument For Is Intended Use.					
6. Resulted Volume Convert at 27°C of Water Temperature.					
7. 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)		

