

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	CC334022000014529F	Date of Calibration	10.08.2022	Date of Receipt	10.08.2022	
Certificate No	MKBL/22/08/0964-003	Recom. Duc Date	09.08.2023	Date of Issue	13.08.2022	
CUSTOMER INFORMATION				DETAILS OF UNIT UNDER CALIBRATION		
M/S ., ALPHA CARE SPECIALITY LAB , D.J COMPLEX , DEVARSHOLA ROAD , GUDALUR , THE NILGIRIS - 643 212 .				Description	MICROPIPETTE - 1	
				Make / Model	THERMO FISHER / FINN PIPETTE	
				Range/Resolution	100 to 1000 µl / 5 µl	
				Serial No	KW07722	
				Identification No	ACL/CB/GEN/02	
				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 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						
I.VOLUME CALIBRATION						
S.No	DUC Reading (Mean) µl	STD Reading (Mean) µl	Deviation µl	Expanded Uncertainty (±) µl		
1	100	100.01	-0.01	7.29		
2	300	300.12	-0.12			
3	500	500.23	-0.23			
4	700	700.34	-0.34			
5	1000	1000.45	-0.45			
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 Except 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 Its 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)	