

CALIBRATION CERTIFICATE

Customer

**USHAKAL ABHINAV INSTITUTE OF MEDICAL SCIENCES
LAB, DEPT. OF MEDICINE**

CS. No. 105/1, DHAMANI ROAD, OPP. TAKSHILA SCHOOL,
SANGLI 416416

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UDHYAMSHRI
ENGINEERS

AN ISO 9001:2015 CERTIFIED COMPANY

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MANUFACTURERS OF CMS FOR BLOOD BANK AND BIO-MEDICAL EQUIPMENT CALIBRATION SERVICES

Certificate No.		Calibration Date 23-03-2023
UE/SLI/076883.0/23		Certificate Date 23-03-2023
		Recommended Calibration Due Date 23-09-2023
<p>Nomenclature : MICROPIPETTE (VARIABLE VOLUME) Location : HAEMATOLOGY LAB. User ID : LAB 4012 Make : THERMO SCIENTIFIC Sr.No. : TW01339 Equipment Range : From: 5 µl To: 50 µl Operating Range : From: 5 µl To: 50 µl Date of Receipt : 23-03-2023 Status of Equipment on receipt : WORKING</p> <p>Environmental conditions Ambient Temp. : 25±4°C Relative Humidity : ≤70%RH Calibrated ' On Site ' at Customers address.</p>		<p>STANDARD USED</p> <p>1) Name :DIGITAL HUMIDITY INDICATOR Make/Model : MAXTECH Cal At :ERTL, MUMBAI Sr No :UE/CS/A/STD/04 Cal Date :27-05-2022 Valid upto : 27-05-2023 Cert No. 2022TNP47</p> <p>2) Name :DIGITAL WEIGHING BALANCE Make/Model : ACZET Cal At :ERTL, MUMBAI Sr No :UE/CS/A/STD/08 Cal Date :13-05-2022 Valid upto : 13-05-2023 Cert No. 2022S&C189</p> <p>* All master calibrator calibration certificates are traceable to National standards with unbroken chain.</p> <p>Calibration Procedure No.:UE/CP/009-R0</p>

Observations

Sr. No.	Expected Volume (µl)	Mean Standard Reading (µl)	Range Requested For Calibration (µl)	Uncertainty (±) (µl)
1	5	5.238518	5 To 50	0.13305
2	15	15.225788	5 To 50	0.134231
3	25	25.186584	5 To 50	0.135556
4	35	35.203637	5 To 50	0.138549
5	50	50.154759	5 To 50	0.140359

DUC = Device Under Calibration

(Uncertainty of the measurement is stated in the result at 95% Confidence Level for k=1.96)

Status of the equipment after calibration :

REFER TO CHART

Witnessed By :

TECHNICIAN ON DUTY

	Technician	Approved By	Released & Authorised By	Seal

- * This certificate refers only to the item calibrated and shall not be reproduced except in full, without our written permission.
- * The "Mean Reading" stated in the certificate is mean of all readings taken of that particular parameter value.
- * Results reported are valid at the time of and under the stated conditions as above.
- * The calibration results are applicable only to those items which have been calibrated and do not apply to any other items even though declared to be similar/identical. The present equipment is calibrated for temperature parameter only.
- * We will not be liable for any change in calibration data & performance specification on account of malfunctioning of standard / instrument / equipment due to any damage caused to it after the report, in respect of it being issued.
- * We will not be liable for any loss / damage caused to the equipment or the products, due to calibration oversight.
- * Any discrepancies in the report should be brought to our notice within 30 days from the report issue date.
- * All calculations refer to ISO/ IEC 8655-6 and ISO/TR 20416:2000.
- * Any handwritten / corrected matter on this report is not authenticated.