

CALIBRATION CERTIFICATE

Customer

**USHAKAL ABHINAV INSTITUTE OF MEDICAL SCIENCES
LAB, DEPT. OF MEDICINE**CS. No. 105/1, DHAMANI ROAD, OPP. TAKSHILA SCHOOL,
SANGLI 416416
SANGLI - 416416**UDHYAMSHRI
ENGINEERS**

AN ISO 9001:2015 CERTIFIED COMPANY

MANUFACTURERS OF CMS FOR BLOOD BANK AND BIO-MEDICAL EQUIPMENT CALIBRATION SERVICESPlot No. 7+8,
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Certificate No.

UE/SLI/076876.0/23Calibration Date **23-03-2023**
Certificate Date **23-03-2023**
Recommended Calibration Due Date **23-09-2023**Nomenclature : MICROPIPETTE (VARIABLE VOLUME)
Location : MICROBIOLOGY LAB.
User ID : LAB 4033
Make : THERMO SCIENTIFIC
Sr.No. : TW00813
Equipment Range : From: 20 µl To: 200 µl
Operating Range : From: 20 µl To: 200 µl
Date of Receipt : 23-03-2023
Status of Equipment on receipt : **WORKING****STANDARD USED**

- 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
- 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

* All master calibrator calibration certificates are traceable to National standards with unbroken chain.

Calibration Procedure No.:UE/CP/009-R0

Environmental conditionsAmbient Temp. : 25±4°C
Relative Humidity : ≤70%RH
Calibrated ' On Site ' at Customers address.**Observations**

Sr. No.	Expected Volume (µl)	Mean Standard Reading (µl)	Range Requested For Calibration (µl)	Uncertainty (±) (µl)
1	20	20.272371	20 To 200	0.165184
2	50	50.184542	20 To 200	0.167272
3	100	100.107655	20 To 200	0.16921
4	150	149.77364	20 To 200	0.172082
5	200	199.52037	20 To 200	0.175795

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
TECHNICIAN ON DUTY**

Witnessed By :

	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.