

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

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

Certificate No.

UE/SLI/076862.0/23



Calibration Date **23-03-2023**
Certificate Date **23-03-2023**
Recommended Calibration Due Date **23-09-2023**

Nomenclature : MICROPIPETTE (VARIABLE VOLUME)

Location : BIOCHEMISTRY LAB.

User ID : LAB 4073

Make : THERMO SCIENTIFIC

Sr.No. : TW01345

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**

Environmental conditions

Ambient Temp. : 25±4°C

Relative Humidity : ≤70%RH

Calibrated ' On Site ' at Customers address.

STANDARD USED

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

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

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

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

Observations

Sr. No.	Expected Volume (µl)	Mean Standard Reading (µl)	Range Requested For Calibration (µl)	Uncertainty (±) (µl)
1	5	5.2319	5 To 50	0.132018
2	15	15.245644	5 To 50	0.13305
3	25	25.196512	5 To 50	0.134387
4	35	35.14738	5 To 50	0.135634
5	50	50.148141	5 To 50	0.137482

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.