



# TMSCC

TESTING MACHINE SERVICE AND CALIBRATION CENTRE  
Precision is Our Destination.....



An ISO 9001 : 2015 Certified company  
Calibration of Various Instruments & Testing Machines...

CC - 3125

Form No.: TMSCC/R/23

## CALIBRATION CERTIFICATE

CALIBRATION CERTIFICATE NO.:	2024/02/786	Page 1 of 1
ISSUE DATE :	16-Feb-2024	
ULR No.:	CC31252400002639F	
1.0 ISSUED TO:	M/s.: Anushka Diagnostics 119/148, Chandidas Road, Trisulapatty P.O.: Belpur, Birbhum - 731204	
1.1 Service Request Form No. :	SRF/2024/02/12/03	
1.2 Service Request Date :	12-02-2024	
1.3 Location:	At Lab	

Description identification of item to be calibrated:

1.4	i Name:	Micro Pipette	ii Make:	Dragon Lab
	iii Model / Type No.:	--	iv S/L No.:	YEA2BAH0073718
	v I.D.No.:	--	vi Job Code No.:	2024/02/786
	vii Range:	(100 to 1000) µl	viii Resolution:	5 µl
	ix Accuracy	As Per ISO 8655-6	x End User :	--

1.5 Full / Partial Calibration: Full Calibration

1.6 Applicable specification of item to be calibrated: Accuracy / permissible limit: Not Specified.

1.7 Date of receipt of item: 12-Feb-2024 1.8 Date of calibration: 12-Feb-2024

1.9 Calibration due on: 11-Feb-2025 2.0 Frequency of calibration once in: 12 Months

2.1 Environmental condition during calibration  
Temperature: 20.1 °C  
Humidity: 52 % RH

2.2 Basis of calibration: SOP/04/02

2.3 Traceability : Standards used for calibration are traceable to National Standards through NABL accredited Laboratory.

Name of the Instrument	Sl. No./ Id No.	Certificate No.	Lab Certificate No.	Callbrated On	Due On
Digital Weighing Balance	(TMSCC/EB/01) (Sl. No.- 14255716)	TC/23-24/4262-04	CC - 2230	09-11-2023	08-11-2024
Digital Temperature Indicator with Sensor(RTD)	(Indicator Sl. No.- 18K588073) (Sensor Id No.- TMSCC/RTD/01)	TSC/23-24/13010-4	CC - 2231	09-11-2023	08-11-2024

## CALIBRATION RESULTS

Sl. No.	Denomination Volume in µl	Observed Reading at Ref. Std. Balance in g (Avg. of five readings)	Density of De ionized Water in g/ml	Actual volume in µl	Error in µl	MPE in ± µl	Measurement Uncertainty in ± µl	Acceptance Criteria
1	100	0.09996	0.998183	100.14576	0.14576	0.8	0.036	Pass
2	300	0.29989	0.998183	300.43728	0.43728	4.0	0.036	Pass
3	500	0.49982	0.998183	500.72880	0.72880	4.0	0.036	Pass
4	700	0.69975	0.998183	701.02032	1.02032	8.0	0.036	Pass
5	1000	0.99964	0.998183	1001.45760	1.45760	8.0	0.036	Pass

Measurement Uncertainty at 95% confidence level where coverage factor, k=2

Remarks: The above DUC has been calibrated over its above range & the readings observed are tabulated above. The reference standard used is traceable to National Standard.

DUC: Device Under Calibration

Physical status of the Instrument : Ok

Calibrated By :

J. Bhattacharjee  
(Sr. Calibration Engineer)

Checked By :

S. Chowdhury  
(Quality Manager)

Approved By :

C. Ghosh  
(Technical Director)



END OF CERTIFICATE