



# 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.: 2023/11/1205 Page 1 of 1

ISSUE DATE : 11-Nov-2023

ULR No.: CC312523000016927F

1.0 ISSUED TO: M/s.: Divine Touch Medi-Clinic  
Colonel Chowmuhani, Near SBI TLA House,  
Branch - Agartala, Tripura(West) - 799001.



1.1 Service Request Form No. : SRF/2023/11/10/04

1.2 Service Request Date : 10-11-2023

1.3 Location: At Lab

Description identification of item to be calibrated:

1.4	i Name:	Micro Pipette	ii Make:	Finnpipette
	iii Model / Type No.:	Finnpipette F3	iv S/L No.:	PW04712
	v I.D.No.:	--	vi Job Code No.:	2023/11/1205
	vii Range:	(5 - 50) µl	viii Resolution:	0.02 µl
	ix Accuracy	As Per ISO 8655-6	x End User :	--

1.5 Full / Partial Calibration: Partial Calibration

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

1.7 Date of receipt of item: 10-Nov-2023 1.8 Date of calibration: 10-Nov-2023

1.9 Calibration due on: 9-Nov-2024 2.0 Frequency of calibration once in: 12 Months

2.1 Environmental condition during calibration  
Temperature: 20.3 °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.	Calibrated On	Due On
Digital Weighing Balance	(TMSCC/EB/01) (Sl. No.- 14255716)	TSC/22-23/12101-25	CC - 2231	15-11-2022	15-11-2023
Digital Temperature Indicator with Sensor(RTD)	Sl. No.- 18K588073 (Sensor Sl. No.- 19102403)	TSC/22-23/12095-36	CC - 2231	17-11-2022	17-11-2023

## 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	20	0.01998	0.998141	20.02067	0.02067	0.2	0.027	Pass
2	30	0.02998	0.998141	30.03100	0.03100	0.5	0.027	Pass
3	40	0.03997	0.998141	40.04134	0.04134	0.5	0.027	Pass
4	50	0.04996	0.998141	50.05167	0.05167	0.5	0.027	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