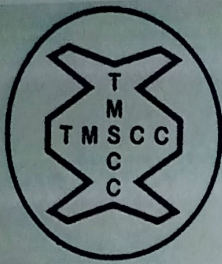


4542403740

TMSCC
An NABL Accredited Calibration Laboratory

CALIBRATED

Name of the Inst.: *Micro pipette.*
ID No./SI. No.: *4542403740*
Cal Date: *15/05/24* Due On: *14/05/25*
Calibrated By: _____ Phy. Status: _____



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. 2024/05/2586
ISSUE DATE 25-Jun-2024 Page 1 of 1
ULR No.: CC312524000012619F

1.0 ISSUED TO M/s: Clinica Diagnostics
(A Unit of Clinica Life Care Private Limited)
Krishnanagar Road (NH-34), Nonpara, Barasat,
Kolkata - 700124.
1.1 Service Request Form No.: SRF/2024/05/15/06
1.2 Service Request Form No.: 15-05-2024
1.3 Location: At Lab



Description identification of item to be calibrated			
1.4	i Name:	Micro Pipette	ii Make: Sartorius
	iii Model / Type No.:	--	iv S/L No: 4542403740
	v I.D.No.:	--	vi Job Code No: 2024/05/2586
	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 15-May-2024
1.8 Date of calibration 15-May-2024

1.9 Calibration due on: 14-May-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.	Calibrated 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	0.09988	0.998183	100.06129	0.06129	0.8	0.033	Pass
2	500	0.49940	0.998183	500.30645	0.30645	4.0	0.033	Pass
3	1000	0.99879	0.998183	1000.61291	0.61291	8.0	0.033	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

Office : Deshbandhu Lane, Barrackpore - 700122, Lab : "Anima Apartment", 1/1, Harisava Road, Barrackpore, Kolkata - 700122.
Contact Us : +91(9830067596/9073667596), Email Id : tmscc.2010@gmail.com/tmscc.2020@yahoo.com