

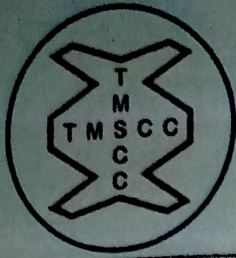
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YE225AX0286569 CE

**TMSCC**  
An NABL Accredited Calibration Laboratory  
**CALIBRATED**

Name of the Inst.:	Micro Pipette		
ID No./Sl. No.:	YE225AX0286569		
Cal Date:	15/05/24	Due On:	14/05/25
Calibrated By:		Phy. Status:	

Lab: 1/1, Marolva Road, Barrackpore, Kolkata - 700122



# 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

Page 1 of 1

1.0	ISSUED TO	M/s. Clinica Diagnostics (A Unit of Clinica Life Care Private Limited) Krishnagar 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	DRAGON LAB
	iii	Model / Type No.	--	iv	S/L No.	YE225AX0286569
	v	ID No.	--	vi	Job Code No.	2024/05/2587
	vii	Range	(20 to 200) µl	viii	Resolution	1 µl
	ix	Accuracy	As Per ISO 8655-6	x	End User	--

1.5	Full / Partial Calibration:	Full Calibration
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1.6	Applicable specification of item to be calibrated: Accuracy / permissible limit	Not Specified
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1.7	Date of receipt of item:	15-May-2024	1.8	Date of calibration:	15-May-2024
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1.9	Calibration due on:	14-May-2025	2.0	Frequency of calibration once in	12	Months
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2.1	Environmental condition during calibration	Temperature:	20.1 °C
		Humidity	52 % RH

2.2	Basis of calibration:	SOP/04/02
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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 Deionized Water in g/ml	Actual volume in µl	Error in µl	MPE in ± µl	Measurement Uncertainty in ± µl	Acceptance Criteria
1	20	0.01998	0.998183	20.01406	0.01406	0.2	0.033	Pass
2	100	0.09989	0.998183	100.07031	0.07031	0.8	0.033	Pass
3	200	0.19978	0.998183	200.14061	0.14061	1.6	0.033	Pass

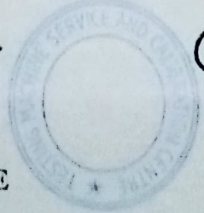
Measurement Uncertainty at 95% confidence level where coverage factor, k=2

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