

Physical status of the Instrument : Ok

Calibrated By:

J. Bhartacharjee (Sr. Calibration Engineer)

## TMSCC

TESTING MACHINE SERVICE AND CALIBRATION CENTRE

Precision is Our Destination.......

An ISO 9001 : 2015 Certified company

Calibration of Various Instruments & Testing Machines...



					Form No.:	TMSCC	/R/23						
				CALIBR	RATION	CER	RTIF	ICA	ATE				
CAL	IRRA	TION CERTIFICA	ATE NO									Page 1 of 1	
	E DA			31-Dec-2023									
	No.:	o.: CC312523000020994F											
1.0	ISSU	JED TO:		M/s.: Hijli Rural Hos	M/s.: Hijli Rural Hospital Kharagpur-1, Prembazar, P.O.: Hijli Co-Operative Society,								
				Kharagpur-1, Premba Paschim Medinipur,	azar, P.O.: West Benge	Hijli Co 11.72130	-Oper 6	ative	Society,		<b>元以</b>	C-3	
	_	D From	No :	SRF/2023/12/29/01	West Deliga	11-72130		183	4-		3557	ed in	
-	Service Request Form No. :   SRF/2023/12/29/01						The state of			COME :			
1.2	Loca			At Lab									
1.0	Description identification of item to be calibrated:												
	<u> </u>	Name:		Micro Pipette	ii Make:			ake:	ke: Mi		Microlit		
	<u>i</u>	Model / Type No.			o i ipene			S/L No.:		HEED			
<u>1.4</u>	<u>iii</u>	I.D.No.:	_	HRH/ICTC/MP-1	н//СТС/МР-1			b Coo	ie No:	2023/12/1	2023/12/1411		
	vii Range:			(100 - 1000) µl			viii Re	solut	ion:	10 μΙ			
	ix Accuracy			As Per ISO 8655-6 <u>x</u> End User : -									
1.5	_	Partial Calibration	n:	Full Calibration			4						
_				to be calibrated: Accuracy /	nermissible	limit:			Not Specified.	45			
_			or item		1	T	C 1: b -				29-De	c-2023	
<u>1.7</u>	Date	of receipt of item:		29-Dec-2023	1.8	Date of calibration:					12	Months	
1.9	Calib	ration due on:		28-Dec-2024	<u>2.0</u>	Freque	ency of calibration once in:				12	Wildia	
	Environmental condition during calibration			Temperature: 20.3 °C									
<u>2.1</u>				Humidity:	nidity: 52 % RH								
2.2	Basis	of calibration:	calibration: SOP/04/02 lity: Standards used for calibration are traceable to National Standards through NABL accredited La										
2.3	Trace	ability: Standards	used for	calibration are traceable to l	National Sta	ndards th	hrough	NAE	L accredited La		1200	pages that I ye	
	Na	Name of the Instrument		Sl. No./ Id No.	Cer	tificate	ficate No.		Lab Certificate No.	Camprated on Duc		Due On	
	Digital Weighing Balance		ince	(TMSCC/EB/01) (Sl. No 14255716)	TC/23	3-24/426	24/4262-04		CC - 2230	09-11-2023 09-11-2023		08-11-2024	
	Digit	Digital Temperature Indicator with Sensor(RTD)		Indicator Sl. No 18K588073) (Sensor Id No TMSCC/RTD/01					CC - 2231			08-11-2024	
- 1				CAL	BRATIC	ON RE	SUL	TS					
SLN	io.	Denomination Volume in µl		rved Reading at Ref. Std.  Balance in g  Avg. of five readings)	Density of De ionized Water in g/ml	Actual	volum Д	e in	Error in µl	MPE in ± μl	Measurement Uncertainty in ± μl	Acceptence Criteria	
1		100		0.09982	0.998141	100	.00190		0.00190	0.8	0.033	Pass	
	+	300		0.29945	0.998141	300	.00571		0.00571	4.0	0.033	Pass	
3	-	500		0.49908	0.998141	. 500	.00952	2	0.00952	4.0	0.033	Pass	
4	-	700		0.69871	0.998141	700	700.01332		0.01332	8.0	0.033	Pass	
	+	1000		0.99816	0.998141	1000	0.0190	4	0.01904	8.0	0.033	Pass	
			59/ 00=6	idence level where coverage	factor, k=2								
emai	ks: T	he above DUC has	been ca	dibrated over its above range	& the readi	ings obse	rved a	re tab	oulated above. The	he reference	e standard used	is traceable to	
	_	e Under Calibratio	n										
				With the second								<b>N</b>	

**END OF CERTIFICATE** 

Checked By :

S. Chowdhury

(Quality Manager)

(Technical Director)



## **TMSCC**

TESTING MACHINE SERVICE AND CALIBRATION CENTRE

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CC - 3125

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Calibration of Various Instruments & Testing Machines...

ISSUE			CALIBI	RATION	CER	TIFI	CATE				
	BRATION CERTIFICATE	NO.:	2023/12/1411							Page 1 of	
ULR N	DATE:		31-Dec-2023								
			CC312523000020994	F							
1.0	D ISSUED TO: M/s.: Hijli Rural Hospital									·*(🗐	
			Kharagpur-1, Premb Paschim Medinipur,		ar, P.O.: Hijli Co-Operative Society, est Bengal-721306						
1.1 S	Service Request Form No.		SRF/2023/12/29/01		ST PERSON (	CONTRACTOR .					
1.2 S	Service Request Date :		29-12-2023	10.15						100	
1.3 L	Location:		At Lab	-							
r	Description identification of item to be calibrated:										
	i Name:		licro Pipette			ii Make: Microlit					
	iii Model / Type No.:					iv S/L	No.:	-			
1.4	<u>y</u> 1.D.No.:		HRH/ICTC/MP-1			<u>vi</u> Job	Code No:	2023/12/1411			
_	vii Range:		(100 - 1000) µl			iii Res	olution:	10 μΙ			
-	ix Accuracy		s Per ISO 8655-6			x End	User :	-			
1.5 F	Full / Partial Calibration:				y \$ 5.70	V-9					
1.6 A	Applicable specification of	item to	be calibrated: Accuracy /	permissible	limit:		Not Specified.	). T	,		
<u>1.7</u> D	Date of receipt of item:		29-Dec-2023	1.8 Date of calibration:					29-Dec-2023		
<u>1.9</u> C	Calibration due on:		28-Dec-2024	<u>2.0</u>	2.0 Frequency of calibration once in: 12 Mo						
) 1 I	Environmental condition	nperature:	20.3 °C								
d d	during calibration	Hun	dity: 52 % RH								
	Basis of calibration:		2/04/02					11			
2.3 T	Traceability: Standards us	d for ca	libration are traceable to	National Sta	ndards th	rough N	IABL accredited La	boratory.			
	Name of the Instrument Sl. No./ Id No.			Certificate		No.	Lab Certificate	Calibrated On		Due On	
	Digital Weighing Balance		(TMSCC/EB/01) (Sl. No 14255716)	TC/23	3-24/426	2-04	CC - 2230	09-	11-2023	08-11-2024	
Ī	Digital Temperature Indica with Sensor(RTD)	tor (Ind	licator SI. No 18K588073) (Sensor Id No TMSCC/RTD/01	TSC/2	23-24/130	010-4	CC - 2231	09-	11-2023	08-11-2024	
			CAL	IBRATIC	ON RE	SULT	S	- 2			
SL N	Denomination Volume in µl		ed Reading at Ref. Std.  Balance in g g. of five readings)	Density of De ionized Water in g/ml	Actual	volume i µl	in Error in µl	MPE in ± µl	Measurement Uncertainty in ± µl	Acceptence Criteria	
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4	700		0.69871	0.998141	700.01	01332	0.01332	8.0	0.033	Pass	
5	1000		0.99816	0.998141 10		.01904	0.01904	8.0	0.033	Pass	
<b>Aeasur</b>	rement Uncertainty at 95%	confide	nce level where coverage	factor, k=2							

Calibrated By

DUC: Device Under Calibration

Physical status of the Instrument: Ok

J. Bhaite napee (Sr. Calibration Engineer) Checked By:

S. Chowdhury (Quality Manager)

**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

(Technical Director)