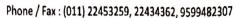


Indian Calibration Services









CALIBRATION CERTIFICATE

Рa	ae	1	of	

CALIBRATION CERTIFICATE OF MICROPIPETTE							
Certificate No: 24700008507 Issued On: 20/05/2024							
ULR No: CC214624700008507F Calibration Date: 18/05/2024							
Job Identification No:	- LEIGE 1000F						
Ref. No: SRF, Dated - 13/05/2024 Receipt Date: 16/05/2024							

M/s TATA 1mg Technologies Pvt. Ltd. Tata Steel BSI Ltd., Plot No. 670P and 224P, **CALIBRATED FOR:** Village-Dhenkanal, Meramandali Township-759121, Odisha

EQUIPMENT DESCRIPTION						
Name Variable Micropipette						
Make/Model	Thermo Scientific / Finnpipette F1					
Serial No.	UW00982	I.D. No.	TATA 1ma/ANGUL/LAB/PIP-03			
Range	2 µl - 20 µl	Least Count	0.02 μΙ			
Location		Calibration Site	In-Lab			

	ENVIRONMENTA	AL CONDITIONS	
Temperature	25.0 °C ± 3.0° C	Humidity	50 ± 10 % RH

Tra	aceable to National /	International Standar	'd	
Make	Certificate No.	Calibration Agency	Calibration Date	Valid Upto
Sartorius	24700000001	Indian Calibration Services, Delhi	01/01/2024	31/12/2024
AND	24700000002	Indian Calibration Services, Delhi	01/01/2024	31/12/2024
	Make Sartorius	Make Certificate No. Sartorius 24700000001	Make Certificate No. Calibration Sartorius 2470000001 Indian Calibration Services, Delhi 2470000002 Indian Calibration Services, Delhi Indian Calibration	Make Certificate No. Agency Date Sartorius 24700000001 Indian Calibration Services, Delhi 01/01/2024 AND 24700000002 Indian Calibration 01/01/2024

USED EQUIPMENT DETAILS	N/A
PRINCIPLE/METHODOLOGY OF	As per Calibration Procedure No.: ICS/CAL/SOP-M03 (Gravimetric Method), ISO 8655-6

RESULTS: Mechanical Calibration (Volume)

U.U.C. Reading (in ml)	Standard Measured Volume (in ml) (Average)	Uncertainty*	
0.00200 (02.00 µl)	0.001945 (01.945 µl)	± 0.09 µl	
0.01000 (10.00 µl)	0.009897 (09.897 µl)	± 0.09 µl	
0.02000 (20.00 µl)	0.01981 (19.81 µl)	± 0.2 µl	

^The reported expanded uncertainty of measurement is stated as the standard uncertainty in measurement multiplied by the coverage factor k = 2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

REMARKS: The recommended date for next calibration is mentioned, as asked by the customer.

***END OF REPORT ***

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The result listed refer only to the tested samples and applicable parameters. Endorsement of products is neither inferred nor implied.

Total liability of our Organisation is limited to the invoiced amount.

Samples will be destroyed after one month from the date of issue of Calibration Certificate unless otherwise specified.

In case any reconfirmation of contents of this Calibration Certificate is required. Please contact our office.

The calibration certificate/Test Report is valid only for the condition of the UUC at the time under stated condition of calibration.

Checked by

For and on behalf of Indian Calibration Services





Indian Calibration Services



An Exclusive House for Validation & Calibration of Analytical Instruments 304 & 313, Laxmi Deep, District Centre, Near Nirman Vihar Metro Station, Laxmi Nagar, Delhi-110092 Phone / Fax: (011) 22453259, 22434362, 9599482307

E-mail: Indiancalibrationservices@gmall.com Website: www.multitechics.com

CALIBRATION CERTIFICATE

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CALIBRATION CERTIFICATE OF MICROPIPETTE

Certificate No:	24700008447	Issued On:	20/05/2024
ULR No:	CC214624700008447F	Calibration Date:	17/05/2024
Job Identification No:	ICS/C/MVD/05/8447	Next Calibration Date:	16/05/2025
Ref. No:	SRF, Dated - 13/05/2024	Receipt Date:	16/05/2024

CALIBRATED FOR:

M/s TATA 1mg Technologies Pvt. Ltd. Tata Steel BSI Ltd., Plot No. 670P and 224P,

Village-Dhenkanal, Meramandali Township-759121, Odisha

EQUIPMENT DESCRIPTION						
Name	Variable Micropipette					
Make/Model	Thermoscientific/finnpipette	Visual Inspection	Ok			
Serial No.	UW01073	I.D. No.	TATA 1mg/ANGUL/LAB/PIP-01			
Range	20 µl - 200 µl	Least Count	0.2 µl			
Location		Calibration Site	In-Lab			

			A) characteristics
	ENVIRONMENTA	AL CONDITIONS	
			50 ± 10 % RH
Temperature	25.0 °C ± 3.0° C	Humidity	50 I 10 % KH
remperature	20.0 0 2 0.0		

STANDARD REFERENCE DETAILS Traceable to National / International Standard							
Name Make Certificate No. Calibration Calibration Valid Upt							
Digital Weighing Balance	AND	24700000002		Indian Calibration Services, Delhi	01/01/2024	31/12/2024	
USED EQUIPMENT DETAILS PRINCIPLE/METHODOLOGY OF CALIBRATION:			N/A As per Calibr (Gravimetric	ation Procedure No.: I : Method), ISO 8655-6	CS/CAL/SOP-M	03	

RESULTS: Mechanical Calibration (Volume)

Below Volume is determined at 27°C	The state of Volume	
U.U.C. Reading (in ml)	Standard Measured Volume (in ml) (Average)	Uncertainty^
0.0200 (020.0 µl)	0.02025 (0020.25 µl)	± 0.2 µl
0.1000 (100.0 µl)	0.10041 (0100.41 µl)	± 0.2 µl
0.2000 (200.0 µl)	0.20056 (0200.56 µl)	± 0.2 µl

^The reported expanded uncertainty of measurement is stated as the standard uncertainty in measurement multiplied by the coverage factor k = 2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

REMARKS: The recommended date for next calibration is mentioned, as asked by the customer. *** END OF REPORT *

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The calibration certificate/Test Report is valid only for the condition of the UUC at the time under stated condition of calibration

Checked by

For and on behalf of Indian Calibration Services

> Authorised Signatory RAJESH KAPOOR

