



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
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CALIBRATION CERTIFICATE

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CALIBRATION CERTIFICATE OF MICROPIPETTE

Certificate No:	21700019004	Issued On:	29/11/2021
ULR No:	CC214621700019004F	Calibration Date:	25/11/2021
Job Identification No:	ICS/C/MVD/11/19004	Next Calibration Date:	24/11/2022
Ref. No:	SRF, Dated -20/11/2021		

CALIBRATED FOR: M/s Rapid Laboratories,
Bhadson Road, Patiala - 147001

EQUIPMENT DESCRIPTION

Name	Variable Micropipette		
Make/Model	---	Visual Inspection	Ok
Serial No.	YE177AF0041421	I.D. No.	---
Range	10 µl - 100 µl	Least Count	1 µl
Location	Lab	Calibration Site	In-Lab

ENVIRONMENTAL CONDITIONS

Temperature	25.0 °C ± 3.0° C	Humidity	50 ± 10 % RH
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STANDARD REFERENCE DETAILS Traceable to National / International Standard

Name	Make	Certificate No.	Calibration Agency	Calibration Date	Valid Upto
Stainless Steel Wire Weights	Weightronics	WMCL/E/2020-05/3364	WMCL	31/05/2020	30/05/2023
RTD Sensor with Digital Indicator	Yudian	ETL/2070/21/C/F/060	FCRI, Palakkad	24-25/02/2021	25/02/2022

USED EQUIPMENT DETAILS Calibration Balance, Distilled Water & Glass wares
PRINCIPLE/METHODOLOGY OF CALIBRATION: As per Calibration Procedure No.: ICS/CAL/SOP-M03 (Gravimetric Method), ISO 8655-6

RESULTS: Mechanical Calibration

Below Volume is determined at 27°C

U.U.C. Reading (in ml)	Standard Measured Volume (in ml) (Average)	Uncertainty at approx 95% C.I. and coverage factor k=2
0.0100 (010 µl)	0.009923 (0009.923 µl)	± 0.6 µl
0.0500 (050 µl)	0.049867 (0049.867 µl)	± 0.6 µl
0.1000 (100 µl)	0.099735 (0099.735 µl)	± 0.6 µl

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

END OF REPORT

- Note:** 1. This report is not to be reproduced wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without our special permission in writing.
2. The result listed refer only to the tested samples and applicable parameters. Endorsement of products is neither inferred nor implied.
3. Total liability of our Organisation is limited to the invoiced amount.
4. Samples will be destroyed after one month from the date of issue of Calibration Certificate unless otherwise specified.
5. In case any reconfirmation of contents of this Calibration Certificate is required, Please contact our office.
6. The calibration certificate/Test Report is valid only for the condition of the UUC at the time under stated condition of calibration.

For and on behalf of
Indian Calibration Services

Checked by

RAJESH
Authorised Signatory



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CALIBRATION CERTIFICATE

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CALIBRATION CERTIFICATE OF MICROPIPETTE

Certificate No:	21700019003	Issued On:	29/11/2021
ULR No:	CC214621700019003F	Calibration Date:	25/11/2021
Job Identification No:	ICS/C/MVD/11/19003	Next Calibration Date:	24/11/2022
Ref. No:	SRF, Dated -20/11/2021		

CALIBRATED FOR: M/s Rapid Laboratories,
Bhadron Road, Patiala - 147001

EQUIPMENT DESCRIPTION

Name	Variable Micropipette		
Make/Model	---	Visual Inspection	Ok
Serial No.	YE3K106293	I.D. No.	---
Range	100 µl - 1000 µl	Least Count	5 µl
Location	Lab	Calibration Site	In-Lab

ENVIRONMENTAL CONDITIONS

Temperature	25.0 °C ± 3.0° C	Humidity	50 ± 10 % RH
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STANDARD REFERENCE DETAILS

Traceable to National / International Standard

Name	Make	Certificate No.	Calibration Agency	Calibration Date	Valid Upto
Stainless Steel Wire Weights	Weightronics	WMCL/E/2020-05/3364	WMCL	31/05/2020	30/05/2023
RTD Sensor with Digital Indicator	Yudian	ETL/2070/21IC/FI/060	FCRI, Palakkad	24-25/02/2021	25/02/2022

USED EQUIPMENT DETAILS

Calibrated Balance, Distilled Water & Glass wares

PRINCIPLE/METHODOLOGY OF CALIBRATION:

As per Calibration Procedure No.: ICS/CAL/SOP-M03
(Gravimetric Method), ISO 8655-6

RESULTS: Mechanical Calibration

Below Volume is determined at 27°C

U.U.C. Reading (in ml)	Standard Measured Volume (in ml) (Average)	Uncertainty at approx 95% C.L and coverage factor k=2
0.1000 (0100 µl)	0.10042 (0100.42 µl)	± 3 µl
0.5000 (0500 µl)	0.50096 (0500.96 µl)	± 3 µl
1.0000 (1000 µl)	1.00119 (1001.19 µl)	± 3 µl

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

END OF REPORT

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