

Calibration Certificate

We drive for excellence in quality & precision

Format no:- PPCL-F-17-02, Rev.No. 1, Rev. Date 01/07/2019

Page No :- 1 of 1

Certificate No.	PPCL/2020/KH-082	Calibration Certificate of Micropipette
Service Request Date	05-11-2020	
Calibration Date	07-11-2020	
Calibration Due Date (As per Customer request)	06-11-2021	

Name & Address of Customer	Identification on UUC (Unit Under Calibration)	
Raghav Pathlabs and Imaging Kapil Complex, Near Mukhani Chauraha, Haldwani-263139, Nanital, India.	Range/ Size	10-100 μ l
	Make	---
	Instrument I.D. No.	VV-100
	Instrument Sr. No.	---
	Least Count	1 μ l
	Location	LAB
	Visual Inspection	OK

Calibration Procedure	PPCL-M-WI- 54	Condition of Instrument	OK
Reference Standard	IS:4787:2010	Calibration Performed at	Lab
Environmental Condition	Temperature	20 \pm 2 $^{\circ}$ C	Relative Humidity
			50 \pm 10 % RH

Standard Equipment Used for Calibration					
Instrument Name	Make	I.D No.	Calibrated By	Certificate No.	Due Date
1. Weight Box	Weightronics	WT/AS-III/2016/2849	Weightronics	WMCL/F/2019-05/2742	09-05-2021
2. Digital Weighing Balance	Amco	PCLW/M/EWB-01 / ---	Q-TEX	2010/11/L/001	18-10-2021

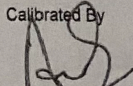
Calibration Results

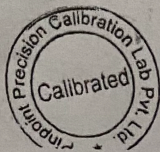
Reading (UUC) in μ l	Reading (Reference) in μ l	Observed Error in μ l
20	19.9825	0.0175
40	39.9635	0.0365
60	59.9425	0.0575
80	79.9362	0.0638
100	99.9152	0.0848

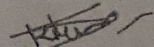
Uncertainty of Measurement \pm 0.65 μ l	The reported uncertainty stated is the expanded uncertainty of measurement obtained by multiplying the standard uncertainty by the coverage factor k=2 correspond to confidence level of 95 %
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Notes :-

1. This Certificate refers only to the particular item submitted for calibration.
2. This Certificate shall not be reproduced without our written permission.
3. Result Reported are Valid under the stated conditions of measurement.
4. Laboratory Standards are traceable to National Standards.
5. Calibration Certificate issued for scientific purpose only and should not be used for Trade / Commerical use.

Calibrated By

Calibration Engineer



Approved By

Sudhir Kumar Sharma
(Director)



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

PINPOINT PRECISION CALIBRATION LAB PVT. LTD.

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

LG-33, ARORA SHOPPERS PARK, SHAKTI KHAND-2, INDIRAPURAM, GHAZIABAD, UTTAR PRADESH,
INDIA

in the field of

CALIBRATION

Certificate Number: CC-2576

Issue Date: 23/06/2020

Valid Until: 19/02/2022

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Identity : PINPOINT PRECISION CALIBRATION LAB PVT. LTD.

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer