



OPTIMA TECHNOCAL SYSTEM

Shyamal Vatika, K-303, Nr. TN Rao Collage, Gangotri Park Road, University Road, RAJKOT-360005 (Guj.)

CALIBRATION CERTIFICATE / PERFORMANCE TEST REPORT

Name of Customer : All India Institute Of Medicoal Sciences (AIIMS)
 Address : AIIMS Hospital, At. Khandheri, Tal. Paddhari, Rajkot-Jamnagar Highway,
 City/Town/Place : Khandheri Village - Dist. Rajkot (Gujarat)



Name of Equipment : PIPETTE Certificate No. : OTS/CAL/PIP/AIIMS-RJ/2024/007

Calibrated On Date	Calibration Due Recommended	Total Page of Report
11_01_2024	11_01_2025	1

I. Calibrated for : Volume (Micro Volume)

II. Item Description and Identification of Equipement / Instrument / Device :

Nomenclature	PIPETTE	Serial No. (If any)	SW19139
Make / Mfg.	Thermo Scientific	ID. No. (If any)	FP-F2 / Thermo Scientific
Model Name / No.	Finnpipette F2	Remark/Type (If any)	10-100 uL (Fixed Volume) / Micro
Least Count Unit	uL	Dept./Location (If any)	Movable / MicroBiology Lab
Environment Temp.	25 ± 5 °C	Relative Humidity	Relative Humidity: 40 ± 15%

III. Standard / Master Used : *Traceable to National / International Standards - NABL/IAS/ISO/NMI etc.

Nomenclature OR Make/Model Name	Sr. No. / ID. No. Detail (If any)	Traceability Calib. Done By	Traceability Certi. Detail / Number	Due Date of Calib. / Test
Digital Weight Balance Analytical	92730 OR OTS/DWB/01 (WENSAR)	UML - Lab (NABL Certified)	Certi. No. : CC - 219722000003811F	01_08_2024

IV. Result :

Range of Volume Set Micro Volume (uL)	Range of Volume Delivered by DUC (uL)	Measured on Standard	Standard Actual Volume Calculated as per Standard Formula	Error in ±	Result / Status
uL	uL	mg	uL	uL	Each
100	100	0.1001	100.1	-0.1	Pass
80	80	0.0801	80.1	-0.1	Pass
50	50	0.0500	50	0	Pass
20	20	0.0200	20	0	Pass
10	10	0.0100	10	0	Pass

NOTE :- Reading final value taken as average of Four readings.

V. Other Details:

- Abbreviations: DUC - Device Under Calibration
- The Results, Readings and Values are at time on calibration or testing under stated conditions of Test.
- These Documents are for technical information purpose only. Not for advertisement, litigation of judgement.

* Accepted Absolute Error ± 3%

Remark: The overall uncertainty is 3% as per manufacturer's specification. Hence confidence level is 97%.
 Based on the above result we declare the instrument / device / equipment is as mentioned below:

Final Status of Calibration / Test Performed	PASS / OK
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Calibrated/Tested By : Dharm
 --- E.O.C. ---
 ISO 9001 Certified

Mr. Dharmendra (Engineer)
 For, Optima TechnoCal System
 Calibration Laboratory



Calibrators Calibrated Under NABL Laboratory

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