



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 Medical 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/2024/003

| 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 Equipment / Instrument / Device :

| | | | |
|-------------------|-------------------|-------------------------|-------------------------------|
| Nomenclature | PIPETTE | Serial No. (If any) | SW29751 |
| Make / Mfg. | Thermo Scientific | ID. No. (If any) | FP-F3 / Thermo Scientific |
| Model Name / No. | Finnpipette F3 | Remark/Type (If any) | 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 |

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

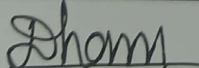
V. Other Details:

- 1) Abbreviations: DUC - Device Under Calibration * Accepted Absolute Error ± 3%
- 2) The Results, Readings and Values are at time on calibration or testing under stated conditions of Test.
- 3) These Documents are for technical information purpose only. Not for advertisement, litigation of judgement.

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 |
|--|---|-----------|

Calibrated/Tested By : 
 --- E.O.C. --- For, Optima TechnoCal System
 ISO 9001 Certified Calibration Laboratory



Calibrators Calibrated Under NABL Laboratory

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