



ASIAN TECHNOLOGY

(A HOUSE OF CALIBRATION)



CALIBRATION CERTIFICATE

| | | | |
|---------------------------------|---|----------------------------|--------------------------|
| Customer name And Address | M/S: Narayana Diagnostics. 7/225A, Lower Ground Floor, Gutaiya, Swaroop Nagar, Beside Murari Lal Chest Hospital, Kanpur-208002. | Service request No. & date | A/02/23/08/23&23/08/2023 |
| | | ULR no. | CC223923000006964F |
| | | Cert. No. | AT23000006364 |
| | | Date of Receipt of DUC | 23/08/2023 |
| | | Date of calibration | 23/08/2023 |
| | | Date of issue | 24/08/2023 |
| | | Suggested due date | 22/08/2024 |

Instrument Details

| | | | |
|--------------------|----------------------------|--------------------------|-------|
| Instrument name | Micro Pipette | Location | ----- |
| Make / Model No. | Dragon Lab. | Accuracy | ----- |
| Range / Size | 10 to 100 µl | Visual Inspection | OK |
| Least Count | 1 µl | Calibration Performed at | Lab |
| I.D. No. / Sr. no. | ND/CNB/12 / YE224AX0184413 | | |

Detail of reference standards & Major equipment's used

| | | | |
|----------------------|-------------------|--------------------------|--|
| Equipment Name | A Set of weights | Digital Weighing Balance | |
| Make | Weightronics | AND | |
| Model / SR No. | ----- | GH-252/ 15112417 | |
| Certificate No. | TYCON/WB/12/274 | TYCON/WB/02/23/327 | |
| Calibration Validity | 25/12/2023 | 19/02/2024 | |
| Calibration by | TYCON ENGINEERING | TYCON ENGINEERING | |

| | | | | |
|----------------------------|-------------------|------------|-----------------------|----------------|
| Environmental Condition | Temperature | (23± 3) °C | Calibration Reference | IS:4162 (1985) |
| | Relative Humidity | (50±20) % | Work Instruction | AT/WI-20M |

Calibration Results

| Serial No. | Nominal Capacity in (µl) | Measured Capacity in (µl) | Uncertainty At 95% C.L. (coverage factor k=2) |
|------------|-----------------------------|------------------------------|--|
| 01. | 10 | 10.02 | ±0.21 µl |
| 02. | 20 | 20.03 | ±0.21 µl |
| 03. | 50 | 50.04 | ±0.21 µl |
| 04. | 80 | 79.96 | ±0.21 µl |
| 05. | 100 | 99.91 | ±0.46 µl |

Remarks:

- ❖ (1) Standard equipment use for calibration are traceable to national/ international standards.
- ❖ (2) The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by coverage factor k = 2 such that the coverage probability corresponds to approximately 95%. (3) The above results are valid at the time of and under the stated conditions measurement. (4) This certificate is refers only to the particular item submitted for calibration. (5) Next calibration due date given as requested by the customer.

Calibrated By
Calibration Engg./TM)
(PRASHANT)
Form No.- QF-47

Approved By
(QM/TM)
(NEERAJ TYAGI)
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---End of report---