



An ISO 9001 : 2015 Certified Company
An ISO 13485 : 2016 Certified Company



Calibration Certificate

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| Model Name: PRIETEST TOUCH PLUS Sr. No : ATP0220522RBK | Certificate No. : Analyser-ATP-007 / 2022-2023 |
| MEDICAL OFFICER Govt.Primary Health Centre M.SOORAKUDI Sivagangai Dist. | Date of Calibration : 12-01-2023 |
| | Calibration Due on : 11-01-2024 |
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STANDARD USED FOR CALIBRATION

| Parameters | Inst. Name & Sr. No. - | Cert. No. | Calibrated by | Validity |
|---------------------------|--|-------------------|--|------------|
| Temperature Calibration | TC-800 Temperature Controller. Sr.no. - 960413 | UI/171011/521/003 | Universal Instrument | 27/10/2023 |
| Film readings Calibration | Spectrophotometer, Make:Shimandzu, Model No.:UV-1800, Sr. No. A-1145 4702871 | REG/28/2201 | QC dept. of Reagent Robonik india Pvt.Ltd | 07/09/2023 |

OBSERVATIONS (Temperature Calibration)

| Temperature Details | Incubator Temperature | Cuvette Temperature |
|---------------------|-----------------------|---------------------|
| Thermometer Sr. No. | 960413 | 960413 |
| Obtained Value | 37.1°C | 37.2°C |
| Range | 37°C (± 1°C) | 37°C (± 0.5°C) |

OPTICAL FILM READING CALIBRATION

| Wavelength | Film type | Range | Absorbance Obtained |
|------------|-----------|---------------|---------------------|
| 340 nm | 1SP | 0.549 - 0.619 | 0.584 |
| | 1HP + 1SP | 0.842 - 0.975 | 0.970 |
| | 1TP | 1.627 - 1.853 | 1.723 |
| | 2DP + 1HP | 2.643 - 3.427 | 2.649 |
| 405 nm | 1SP | 0.307 - 0.348 | 0.331 |
| | 1TP | 0.929 - 1.062 | 1.005 |
| | 2DP + 1HP | 1.432 - 1.642 | 1.591 |
| | 3TP | 2.809 - 3.318 | 2.936 |
| 510 nm | 1SP | 0.299 - 0.337 | 0.321 |
| | 1TP | 0.913 - 1.054 | 0.997 |
| | 2DP + 1HP | 1.386 - 1.576 | 1.522 |
| | 3TP | 2.784 - 3.232 | 2.879 |
| 545 nm | 1SP | 0.264 - 0.313 | 0.300 |
| | 1TP | 0.844 - 0.956 | 0.922 |
| | 2DP + 1HP | 1.287 - 1.446 | 1.407 |
| | 3TP | 2.512 - 2.849 | 2.727 |
| 578 nm | 1SP | 0.265 - 0.302 | 0.276 |
| | 1TP | 0.791 - 0.904 | 0.873 |
| | 2DP + 1HP | 1.200 - 1.391 | 1.338 |
| | 3TP | 2.387 - 2.702 | 2.594 |
| 630 nm | 1SP | 0.300 - 0.352 | 0.319 |
| | 1TP | 0.977 - 1.115 | 1.055 |
| | 2DP + 1HP | 1.443 - 1.648 | 1.598 |
| | 3TP | 2.806 - 3.230 | 3.004 |

Biochemistry Analyser bearing serial no . ATP0220522RBK has been calibrated for above parameter and found to be within its acceptance criteria.

Calibrated By: *amuda*

Approved By:



ROBONIK (INDIA) PVT. LTD.

Plot NO. 3 & 4. MIDC Industrial Area, Morivali, Near Ladi Naka, Ambarnath (W) - 421 501,
District Thane, Maharashtra, INDIA, Tel.: +91 (251) 2689000,
Email : sales@robonikindia.com, Website : www.robonik.in
CIN No.: U33111MH2003PTC139729