

**Calibration Certificate**

Model Name: PRIESTEST TOUCH PLUS Sr. No : ATP0220522RBK	Certificate No. : Analyser-ATP-007 / 2022-2023
<b>MEDICAL OFFICER</b> <b>Govt. Primary Health Centre</b> <b>M. SOORAKUDI</b> <b>Sivagangai Dist.</b>	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: Shimadzu, Model No.: UV-1800, Sr. No. A-1145 4702871	REG/28/2201	QC dept. of Reagent Robonik india pvt.ltd	07/09/2023

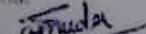
**OBSERVATIONS (Temperature Calibration)**

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	2.737
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	1.508
	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: 

Approved By:


**ROBONIK (INDIA) PVT. LTD.**

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