

## Calibration Certificate

**Model Name:** PRIESTEST TOUCH  
**Sr. No:** ATCD2150321RBK  
**The Medical Officer**  
**Govt. Primary Health Centre,**  
**Pasuvanthanai.**

**Certificate No. :** Analyser-ATCD-387/ 2023-2024  
**Date of Calibration :** 04.10.2023  
**Calibration Due on :** 03.10.2024

### STANDARD USED FOR CALIBRATION

Parameters	Inst. Name & Sr. No.	Cert. No.	Calibrated by	Validity
Temperature Calibration	Digital Thermometer	UCS/CAL/21100315	Universal Instrument	31/12/2024
Temperature Calibration	Digital Thermometer	UCS/CAL/21100314	Universal Instrument	31/12/2024
Film readings Calibration	Spectrophotometer, Make: Shimadzu, Model No.: UV-1800, Sr. No. A-1145 4702871	REG/28/207	QC dept. of Reagent Robonik India pvt.ltd	31/12/2024

### OBSERVATIONS (Temperature Calibration)

Temperature Details	Incubator Temperature	Cuvette Temperature
Thermometer Sr. No.	025	012
Obtained Value	37.5°C	37.4°C
Range	37°C (± 1 °)	37°C (± 0.5 °)

### OPTICAL FILM READING CALIBRATION

Wavelength	Film type	Range	Absorbance Obtained
340 nm	ISP	0.549 – 0.619	0.590
	1HP + 1SP	0.842 – 0.975	0.914
	1TP	1.627 – 1.853	1.737
	ZDP + 1HP	2.643 – 3.427	2.714
	1SP	0.307 – 0.348	0.318
	1TP	0.929 – 1.062	1.007
405 nm	ZDP + 1HP	1.432 – 1.642	1.572
	3TP	2.809 – 3.318	3.034
	1SP	0.299 – 0.337	0.300
	1TP	0.913 – 1.054	0.997
	ZDP + 1HP	1.386 – 1.576	1.505
	3TP	2.784 – 3.232	2.997
510 nm	1SP	0.264 – 0.313	0.286
	1TP	0.844 – 0.956	0.918
	ZDP + 1HP	1.287 – 1.446	1.393
	3TP	2.512 – 2.849	2.790
	1SP	0.265 – 0.302	0.292
	1TP	0.791 – 0.904	0.874
578 nm	ZDP + 1HP	1.200 – 1.391	1.337
	3TP	2.387 – 2.702	2.660
	1SP	0.300 – 0.352	0.331
	1TP	0.977 – 1.115	1.065
	ZDP + 1HP	1.441 – 1.648	1.584
	3TP	2.806 – 3.230	3.165

Biochemistry Analyzer bearing serial no. **ATCD2150321RBK** has been calibrated for above parameter and found to be within its acceptance criteria.

calibrated by:




Approved by:

