

Calibration Certificate

Model Name: PRIETEST TOUCH
 Sr. No: ATCD1020621RBK
 The Medical Officer,
 Primary Health Center,
 Belarahalli, Palacode Block.

Certificate No.: Analyzer- ATCD-014 / 2023-2024
 Date of Calibration: 27-09-2023
 Calibration Due on: 26-09-2024

STANDARD USED FOR CALIBRATION

Parameters	Inst. Name & Sr. No.	Cert. No.	Calibrated by	Validity
Temperature Calibration	Digital Thermometer	UCSCAL/21100315	Universal Instrument	31/10/2024
Temperature Calibration	Digital Thermometer	UCSCAL/21100314	Universal Instrument	31/10/2024
Film readings Calibration	Spectrophotometer, Make: Shimadzu, Model No.: UV-1800, Sr. No. A-1145 4702871	RUC/28/2207	QC dept. of Reagent Robonik India Pvt.Ltd	20/07/2024

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

OPTICAL FILM READING CALIBRATION

Wavelength	Film type	Range	Absorbance Obtained
340 nm	ISP	0.549 - 0.619	0.590
	HP + ISP	0.842 - 0.975	0.914
	ITP	1.627 - 1.853	1.737
	2DP + HP	2.643 - 3.427	2.714
	ISP	0.307 - 0.348	0.318
	ITP	0.929 - 1.062	1.007
405 nm	2DP + HP	1.432 - 1.642	1.572
	3TP	2.809 - 3.318	3.034
	ISP	0.299 - 0.337	0.300
	ITP	0.913 - 1.054	0.997
	2DP + HP	1.386 - 1.576	1.505
	3TP	2.784 - 3.232	2.997
510 nm	ISP	0.264 - 0.313	0.286
	ITP	0.844 - 0.956	0.918
	2DP + HP	1.287 - 1.446	1.393
	3TP	2.512 - 2.849	2.790
	ISP	0.265 - 0.302	0.292
	ITP	0.791 - 0.904	0.874
578 nm	2DP + HP	1.200 - 1.391	1.337
	3TP	2.387 - 2.702	2.660
	ISP	0.300 - 0.352	0.331
	ITP	0.977 - 1.115	1.065
	2DP + HP	1.443 - 1.648	1.584
	3TP	2.806 - 3.230	3.165
630 nm	2DP + HP		
	3TP		
	ISP		
	ITP		
	2DP + HP		
	3TP		

Biochemistry Analyzer bearing serial no. ATCD1020621RBK has been calibrated for above parameter and found to be within its acceptance criteria.

MEDICAL OFFICER
 30vt Primary Health Centre
 Belarahalli
 Tharamapuri-071

Approved

Calibrated by: