



Calibration Certificate

Model Name: PRIESTEST TOUCH Sr. No: ATCD1410519RBK The Medical Officer, Primary Health Center, Vithalmala, Pappireddipatti Block.	Certificate No.: Analyzer- ATCD-023/2023-2024 Date of Calibration: 27-09-2023 Calibration Due on: 26-09-2024
---	--

STANDARD USED FOR CALIBRATION

Parameters	Inst. Name & Sr. No.	Cont. No.	Calibrated by	Validity
Temperature Calibration	Digital Thermometer	UCSCAL01100313	Universal Instrument	8/10/2024
Temperature Calibration	Digital Thermometer	UCSCAL01100314	Universal Instrument	8/10/2024
Film readings Calibration	Spectrophotometer, Make: Shimadzu, Model No.: UV-1800, S. No. A-0454702371	REG/20/2207	QC dept. of Rangas Robonik India Pvt.Ltd	20/9/2024

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°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
	1HP + 1SP	0.642 - 0.975	0.914
	1TP	1.627 - 1.853	1.737
	2DP + 1HP	3.645 - 3.627	2.714
405 nm	ISP	0.307 - 0.340	0.318
	1TP	0.729 - 1.062	1.007
	2DP + 1HP	1.432 - 1.642	1.572
	3TP	2.099 - 3.318	3.054
510 nm	ISP	0.299 - 0.337	0.300
	1TP	0.715 - 1.054	0.997
	2DP + 1HP	1.386 - 1.576	1.505
	3TP	2.784 - 3.232	2.997
565 nm	ISP	0.264 - 0.313	0.286
	1TP	0.644 - 0.956	0.918
	2DP + 1HP	1.287 - 1.646	1.393
	3TP	2.512 - 2.849	2.790
578 nm	ISP	0.265 - 0.302	0.292
	1TP	0.791 - 0.904	0.874
	2DP + 1HP	1.200 - 1.391	1.317
	3TP	2.387 - 2.702	2.660
630 nm	ISP	0.300 - 0.352	0.331
	1TP	0.777 - 1.215	1.065
	2DP + 1HP	1.443 - 1.640	1.504
	3TP	2.806 - 3.230	3.165

Biochemistry Analyzer bearing serial no. ATCD1410519RBK has been calibrated for above parameter and found to be within its acceptance criteria.

calibrated by:

M. S. S.



Approved by:

[Signature]