

Calibration Certificate

Model Name: PRIETEST TOUCH
 Sr. No: ATCD151220RBK
 The Medical Officer,
 Primary health center,
 Nadassorangudi, Virudhunagar(d).

Certificate No.: Analyzer-ATCD-045/2023-2024
 Date of Calibration: 28-09-2023
 Calibration Due on: 29-09-2024

STANDARD USED FOR CALIBRATION

Parameters	Inst. Name & Sr. No.	Cert. No.	Calibrated by	Validity
Temperature Calibration	Digital Thermometer	UCS/CAL/21/00315	Universal Instrument	31.10.2024
Temperature Calibration	Digital Thermometer	UCS/CAL/21/00315	Universal Instrument	31.10.2024
Film readings Calibration	Spectrophotometer, Make: Shimadzu, Model No: UV-1800, Sr. No. A-1145-870287	REG/24/2207	QC Dept. of Eugent Robotics India Pvt.Ltd	30/07/2024

OBSERVATIONS (Temperature Calibration)

Temperature Details	Incubator Temperature	Cuvette Temperature
Thermometer Sr. No	025	012
Observed Value	37.5°C	37.4°C
Range	37°C (+/- 0.2)	37°C (+/- 0.2%)

OPTICAL FILM READING CALIBRATION

Wavelength	Film type	Range	Absorbance Observed
340 nm	1SP	0.549 - 0.619	0.590
	1HP + 1SP	0.842 - 0.925	0.914
	1TP	1.427 - 1.583	1.737
	2DP + 1HP	2.643 - 3.427	2.714
405 nm	1SP	0.307 - 0.348	0.318
	1TP	0.529 - 0.662	1.097
	2DP + 1HP	1.432 - 1.642	1.572
	3TP	2.809 - 3.518	2.834
510 nm	1SP	0.249 - 0.327	0.308
	1TP	0.813 - 1.054	0.997
	2DP + 1HP	1.386 - 1.576	1.545
	3TP	2.784 - 3.232	2.997
545 nm	1SP	0.264 - 0.313	0.286
	1TP	0.844 - 0.956	0.918
	2DP + 1HP	1.287 - 1.446	1.363
	3TP	2.612 - 2.849	2.700
578 nm	1SP	0.265 - 0.302	0.292
	1TP	0.791 - 0.984	0.874
	2DP + 1HP	1.280 - 1.391	1.337
	3TP	2.387 - 2.702	2.660
630 nm	1SP	0.240 - 0.352	0.331
	1TP	0.977 - 1.115	1.085
	2DP + 1HP	1.443 - 1.648	1.584
	3TP	2.886 - 3.230	3.165

Biochemistry Analyzer bearing serial no ATCD151220RBK has been calibrated for above parameter and found to be within its acceptance criteria.



calibrated by:

M. J. S.

Approved by:

[Signature]