

Calibration Certificate

Calibrated For :- The Medical Officer Govt. Primary Health Centre / Govt. Hospital	Certificate No. : Analyser-ATCD-083 / 2021-2022
	Date of Calibration : 12-08-2021
	Calibration Due on : 11-08-2022
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DETAILS OF UNIT UNDER CALIBRATION

Model Name : PRIETEST TOUCH	Sr. No.: ATCD0830621RBK
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STANDARD USED FOR CALIBRATION

Parameters	Inst. Name & Sr. No.	Cert. No.	Calibrated by	Validity
Temperature Calibration	Digital Thermometer	UI/201009/4/001	Universal Instrument	12/10/2021
Temperature Calibration	Digital Thermometer	UI/201009/4/002	Universal Instrument	12/10/2021
Film readings Calibration	Spectrophotometer, Make:SHIMADZU, Model No.:UV-1800, Sr. No. A-1145 4702871	REG/28/1909	QC dept. of Reagent Robonik india pvt.ltd	05/01/2022

OBSERVATIONS (Temperature Calibration)

Temperature Details	Incubator Temperature	Cuvette Temperature
Thermometer Sr. No.	MT-002	004
Obtained Value	37.2°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	0.561 - 0.606	0.566
	1HP + 1SP	0.830 - 0.958	0.854
	1TP	1.621 - 1.817	1.751
	2DP + 1HP	2.508 - 2.930	2.573
405 nm	1SP	0.293 - 0.344	0.298
	1TP	0.928 - 1.035	1.006
	2DP + 1HP	1.428 - 1.605	1.484
	3TP	2.815 - 3.254	2.957
510 nm	1SP	0.298 - 0.349	0.300
	1TP	0.916 - 1.044	1.002
	2DP + 1HP	1.386 - 1.573	1.431
	3TP	2.781 - 3.220	2.968
545 nm	1SP	0.251 - 0.296	0.274
	1TP	0.814 - 0.944	0.922
	2DP + 1HP	1.258 - 1.430	1.323
	3TP	2.467 - 2.841	2.749
578 nm	1SP	0.259 - 0.313	0.260
	1TP	0.795 - 0.922	0.874
	2DP + 1HP	1.207 - 1.410	1.260
	3TP	2.412 - 2.736	2.605
630 nm	1SP	0.269 - 0.333	0.298
	1TP	0.937 - 1.098	1.072
	2DP + 1HP	1.400 - 1.625	1.512
	3TP	2.769 - 3.210	3.147

Biochemistry Analyser bearing serial no. ATCD0830621RBK has been calibrated for above parameter and found to be within its acceptance criteria.

Calibrated By: *R. S. Tamtel*

Approved By:

