

Calibration Certificate

Calibrated For :- The Medical Officer Govt. Primary Health Centre / Govt. Hospital	Certificate No. : Analyser-ATCD-216 / 2021-2022
	Date of Calibration : 14-06-2021
	Calibration Due on : 13-06-2022
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DETAILS OF UNIT UNDER CALIBRATION

Model Name : PRIETEST TOUCH	Sr. No.: ATCD2970321RBK
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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	06/08/2021

OBSERVATIONS (Temperature Calibration)

Temperature Details	Incubator Temperature	Cuvette Temperature
Thermometer Sr. No.	MT-002	004
Obtained Value	36.9°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	1SP	0.561 - 0.606	0.582
	1HP + 1SP	0.830 - 0.958	0.895
	1TP	1.621 - 1.817	1.732
	2DP + 1HP	2.508 - 2.930	2.714
405 nm	1SP	0.293 - 0.344	0.317
	1TP	0.928 - 1.035	1.007
	2DP + 1HP	1.428 - 1.605	1.566
	3TP	2.815 - 3.254	3.005
510 nm	1SP	0.298 - 0.349	0.304
	1TP	0.916 - 1.044	0.997
	2DP + 1HP	1.386 - 1.573	1.505
	3TP	2.781 - 3.220	2.937
545 nm	1SP	0.251 - 0.296	0.288
	1TP	0.814 - 0.944	0.913
	2DP + 1HP	1.258 - 1.430	1.375
	3TP	2.467 - 2.841	2.669
578 nm	1SP	0.259 - 0.313	0.298
	1TP	0.795 - 0.922	0.869
	2DP + 1HP	1.207 - 1.410	1.330
	3TP	2.412 - 2.736	2.625
630 nm	1SP	0.269 - 0.333	0.330
	1TP	0.937 - 1.098	1.066
	2DP + 1HP	1.400 - 1.625	1.586
	3TP	2.769 - 3.210	3.095

Biochemistry Analyser bearing serial no. ATCD2970321RBK has been calibrated for above parameter and found to be within its acceptance criteria.

Calibrated By: 

Approved By: 