

Calibration Certificate

Calibrated For :- The Medical Officer Govt. Primary Health Centre / Govt. Hospital	Certificate No. : Analyser-ATCD-055 / 2021-2022
	Date of Calibration : 29-07-2021
	Calibration Due on : 28-07-2022
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DETAILS OF UNIT UNDER CALIBRATION

Model Name : PRIETEST TOUCH	Sr. No.: ATCD0550621RBK
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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	37.1°C	37.3°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	0.570
	1HP + 1SP	0.830 - 0.958	0.940
	1TP	1.621 - 1.817	1.759
	2DP + 1HP	2.508 - 2.930	2.789
405 nm	1SP	0.293 - 0.344	0.319
	1TP	0.928 - 1.035	1.007
	2DP + 1HP	1.428 - 1.605	1.578
	3TP	2.815 - 3.254	3.078
510 nm	1SP	0.298 - 0.349	0.304
	1TP	0.916 - 1.044	0.995
	2DP + 1HP	1.386 - 1.573	1.509
	3TP	2.781 - 3.220	3.011
545 nm	1SP	0.251 - 0.296	0.286
	1TP	0.814 - 0.944	0.911
	2DP + 1HP	1.258 - 1.430	1.392
	3TP	2.467 - 2.841	2.759
578 nm	1SP	0.259 - 0.313	0.269
	1TP	0.795 - 0.922	0.868
	2DP + 1HP	1.207 - 1.410	1.331
	3TP	2.412 - 2.736	2.560
630 nm	1SP	0.269 - 0.333	0.307
	1TP	0.937 - 1.098	1.072
	2DP + 1HP	1.400 - 1.625	1.600
	3TP	2.769 - 3.210	3.209

Biochemistry Analyser bearing serial no. ATCD0550621RBK has been calibrated for above parameter and found to be within acceptance criteria.

Calibrated By:

B. K. K.

Approved By:



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