

**Calibration Certificate**

Calibrated For :- The Medical Officer Govt. Primary Health Centre / Govt. Hospital	Certificate No. : Analyser-ATCD-128 / 2021-2022
	Date of Calibration : 08-09-2021
	Calibration Due on : 07-09-2022
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**DETAILS OF UNIT UNDER CALIBRATION**

Model Name : PRIETEST TOUCH	Sr. No. : ATCD1280621R8K
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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	BEG/28/2201	QC dept. of Reagent Robonik india pvt.ltd	12/01/2022

**OBSERVATIONS (Temperature Calibration)**

Temperature Details	Incubator Temperature	Cuvette Temperature
Thermometer Sr. No.	MT-002	004
Obtained Value	37.2 <sup>o</sup> c	37.1 <sup>o</sup> c
Range	37 <sup>o</sup> C (± 1 <sup>o</sup> c)	37 <sup>o</sup> C (± 0.5 <sup>o</sup> c)

**OPTICAL FILM READING CALIBRATION**

Wavelength	Film type	Range	Absorbance Obtained
340 nm	1SP	0.561 - 0.606	0.569
	1HP + 1SP	0.830 - 0.958	0.918
	1TP	1.621 - 1.817	1.765
	2DP + 1HP	2.508 - 2.930	2.668
405 nm	1SP	0.293 - 0.344	0.314
	1TP	0.928 - 1.035	1.019
	2DP + 1HP	1.428 - 1.605	1.548
	3TP	2.815 - 3.254	2.962
510 nm	1SP	0.298 - 0.349	0.309
	1TP	0.916 - 1.044	1.007
	2DP + 1HP	1.386 - 1.573	1.491
	3TP	2.781 - 3.220	2.916
545 nm	1SP	0.251 - 0.296	0.287
	1TP	0.814 - 0.944	0.933
	2DP + 1HP	1.258 - 1.430	1.387
	3TP	2.467 - 2.841	2.761
578 nm	1SP	0.259 - 0.313	0.264
	1TP	0.795 - 0.922	0.877
	2DP + 1HP	1.207 - 1.410	1.321
	3TP	2.412 - 2.736	2.627
630 nm	1SP	0.269 - 0.333	0.311
	1TP	0.937 - 1.098	1.091
	2DP + 1HP	1.400 - 1.625	1.570
	3TP	2.769 - 3.210	3.058

Biochemistry Analyser bearing serial no. ATCD1280621R8K has been calibrated for above parameter and found to be within its acceptance criteria.

 Calibrated By: 

Approved By:


**ROBONIK (INDIA) PVT. LTD.**

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