

Calibration Certificate

Model Name: PHE TEST TOUCH Sr. No: ATCD0240519RHK The Medical Officer Primary Health Center, K.S. Halli, Dharmapuri Block.	Certificate No.: Analyzer- ATCD -004 / 2023-2024 Date of Calibration: 27-09-2023 Calibration Due on: 26-09-2024
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STANDARD USED FOR CALIBRATION

Parameters	Inst. Name & Sr. No	Cert. No	Calibrated by	Validity
Temperature Calibration	Digital Thermometer	UCSCAL/21100315	Universal Instrument	31/10/2024
Temperature Calibration	Digital Thermometer	UCSCAL/21100314	Universal Instrument	31/10/2024
Film readings Calibration	Spectrophotometer Make Shimadzu, Model No. UV-1800, Sr. No. A-1145-4702871	REG/28/2207	QC Dept. of Reagent Robonik India Pvt Ltd	20/07/2024

OBSERVATIONS (Temperature Calibration)

Temperature Details	Incubator Temperature	Cuvette Temperature
Thermometer Sr. No	025	012
Obtained Value	37.5°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	ISP	0.549 - 0.619	0.590
	IHP + ISP	0.842 - 0.975	0.914
	ITP	1.627 - 1.857	1.737
	IDP + IHP	2.643 - 3.427	2.714
405 nm	ISP	0.307 - 0.348	0.318
	ITP	0.929 - 1.062	1.007
	IDP + IHP	1.432 - 1.642	1.572
	ITP	2.809 - 3.318	3.034
510 nm	ISP	0.299 - 0.337	0.300
	ITP	0.913 - 1.054	0.997
	IDP + IHP	1.386 - 1.576	1.505
	ITP	2.784 - 3.232	2.997
545 nm	ISP	0.264 - 0.313	0.286
	ITP	0.844 - 0.956	0.915
	IDP + IHP	1.287 - 1.446	1.393
	ITP	2.512 - 2.849	2.780
578 nm	ISP	0.265 - 0.302	0.292
	ITP	0.791 - 0.904	0.874
	IDP + IHP	1.200 - 1.391	1.337
	ITP	2.387 - 2.702	2.660
630 nm	ISP	0.300 - 0.352	0.331
	ITP	0.977 - 1.115	1.065
	IDP + IHP	1.443 - 1.648	1.584
	ITP	2.806 - 3.250	3.165

Biochemistry Analyzer bearing serial no. ATCD0240519RHK has been calibrated for above parameter and found to be within its acceptance criteria

calibrated by:




MEDICAL OFFICER
 Govt. Primary Health Centre
 KONANG, NARASIPATALLI

Approved by:

