

Calibration Certificate

Model Name: PRIETEST TOUCH Sr. No: ATCD1150621RBK The Medical Officer, UG - CHC, Karimangalam, Karimangalam Block.	Certificate No.: Analyzer- ATCD -020 / 2023-2024
	Date of Calibration: 27-09-2023
	Calibration Due on: 26-09-2024

STANDARD USED FOR CALIBRATION

Parameters	Inst. Name & Sr. No.	Cert. No.	Calibrated by	Validity
Temperature Calibration	Digital Thermometer	UCS/CAL/21100315	Universal Instrument	31/10/2024
Temperature Calibration	Digital Thermometer	UCS/CAL/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)

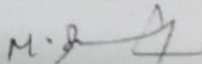
Temperature Details	Incubator Temperature	Cuvette Temperature
Thermometer Sr. No.	025	012
Obtained Value	37.5°C	37.4°C
Range	37°C (± 1°C)	37°C (± 0.5°C)

OPTICAL FILM READING CALIBRATION

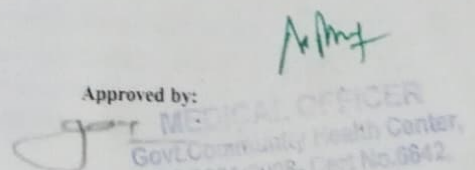
Wavelength	Film type	Range	Absorbance Obtained
340 nm	ISP	0.549 – 0.619	0.590
	1HP + 1SP	0.842 – 0.975	0.914
	1TP	1.627 – 1.853	1.737
	2DP + 1HP	2.643 – 3.427	2.714
405 nm	ISP	0.307 – 0.348	0.318
	1TP	0.929 – 1.062	1.007
	2DP + 1HP	1.432 – 1.642	1.572
	3TP	2.809 – 3.318	3.034
510 nm	ISP	0.299 – 0.337	0.300
	1TP	0.913 – 1.054	0.997
	2DP + 1HP	1.386 – 1.576	1.505
	3TP	2.784 – 3.232	2.997
545 nm	ISP	0.264 – 0.313	0.286
	1TP	0.844 – 0.956	0.918
	2DP + 1HP	1.287 – 1.446	1.393
	3TP	2.512 – 2.849	2.790
578 nm	ISP	0.265 – 0.302	0.292
	1TP	0.791 – 0.904	0.874
	2DP + 1HP	1.200 – 1.391	1.337
	3TP	2.387 – 2.702	2.660
630 nm	ISP	0.300 – 0.352	0.331
	1TP	0.977 – 1.115	1.065
	2DP + 1HP	1.443 – 1.648	1.584
	3TP	2.806 – 3.230	3.165

Biochemistry Analyzer bearing serial no. **ATCD1150621RBK** has been calibrated for above parameter and found to be within its acceptance criteria.

calibrated by:




Approved by:



MEDICAL OFFICER
 Govt. Community Health Center,
 ISO 9001:2008 - Cert No. 6842,
 Karimangalam - 635111,
 Dharmapuri District.

**DIRECTORATE OF PUBLIC HEALTH AND PREVENTIVE
MEDICINE**

LEGAL IDENTITY CERTIFICATE

This is to certify that following Primary Health Centre is functioning under the Department of Public Health and Preventive Medicine, Government of Tamil Nadu

Name of the District	Name of the Health Unit District	Name of the Block	Name of the Primary Health Centre
Dharmapuri	Dharmapuri	Karimangalam	Karimangalam CHC

(Signature)
29/1/2023

Medical Officer
Govt. Community Health Centre
Karimangalam - 635 111
Dharmapuri District