

Calibration Certificate

Model Name: PRIETEST TOUCH Sr. No: AT1131114RBK The Medical Officer, Govt Urban primary health center, T.Ramanathapuram, Madurai dt.	Certificate No.: Analyzer- AT -032/ 2023-2024 <hr/> Date of Calibration: 28-09-2023 <hr/> Calibration Due on: 29-09-2024 <hr/>
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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	37.4c
Range	37°C (± 1°C)	37°C (± 0.5°C)

OPTICAL FILM READING CALIBRATION

Wavelength	Film type	Range	Absorbance Obtained
340 nm	1SP	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	1SP	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	1SP	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	1SP	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	1SP	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	1SP	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. AT1131114RBK has been calibrated for above parameter and found to be within its acceptance criteria.

calibrated by:



Approved by:

Calibration Certificate

Model Name: PRIETEST TOUCH Sr. No: AT113114RBK The Medical Officer, Govt Urban primary health center, T.Ramsnathapuram, Madurai dt.	Certificate No.: Analyzer- AT -032/ 2023-2024 Date of Calibration: 28-09-2023 Calibration Due on: 29-09-2024
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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
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Film readings Calibration	Spectrophotometer Make Shimadzu, Model No. UV-1800, Sr. No. A-1145 4702871	REG 28 2707	QC dept of Reagent Robonak India pvt.ltd	20.07.2024

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Thermometer Sr. No	025	012
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OPTICAL FILM READING CALIBRATION

Wavelength	Film type	Range	Absorbance Obtained
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510 nm	1SP	0.299 - 0.357	0.300
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	3TP	2.784 - 3.232	2.997
545 nm	1SP	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	1SP	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	2.600
630 nm	1SP	0.300 - 0.352	0.331
	1TP	0.977 - 1.115	1.066
	2DP + 1HP	1.443 - 1.648	1.584
	3TP	2.800 - 3.230	3.165

Biochemistry Analyzer bearing serial no: **AT113114RBK** has been calibrated for above parameter and found to be within its acceptable criteria.

calibrated by:

Approved by:

Dr.SARAVANAKUMAR.MBBS.,

The Medical Officer

Govt Primary Health Centre

T.Ramanathapuram - Madurai. 625 535



**Directorate of Public Health and
Preventive Medicine**

LEGAL IDENTITY CERTIFICATE

This is to certify that the 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 center
Madurai	Madurai	SEDAPATTY	T.Ramanathapuram

This certificate is issued for submitting the application for the NABL(MELT) Lab Program.

Dr.SARAVANAKUMAR.MBBS.,

The Medical Officer

Govt Primary Health Centre

T.Ramanathapuram – Madurai. 625 535

O/o Deputy Director of Health Services

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CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JULY 2023



Lab Name Govt. PHC, Ramanathapuram.T

Lab No

Constituent Group Chemistry III

Date of Result Entered :

PT item Lyophilized human serum based

Date of Report Published :

10549

20/07/2023

07/08/2023

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI
						CV	SD		
1	GLUCOSE III	GOD-POD III	Robonik (Semi automatic / Fully Automatic)	1876	109.35	5.55	6.07	110 mg/dL	0.11
2	CREATININE III	Jaffes Kinetic - Alkaline Picrate III	Robonik (Semi automatic / Fully Automatic)	1850	5.83	6.00	0.35	5.8 mg/dL	-0.09
3	CHOLESTROL III	CHOD-PAP III	Robonik (Semi automatic / Fully Automatic)	1776	113.00	4.12	4.66	116 mg/dL	0.64

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within ±1.01 to ±2.00	Good.
Within ±2.01 to ±2.99	Accept with caution. Warning Signal.
Beyond ±3.0	Unacceptable performance. Action Signal.

LAB ADDRESS :

Govt. PHC, Ramanathapuram.T
 CLINICAL LABORATORY, MADURAI(DIST)
 Ramanathapuram.T
 TAMILNADU625535

Coordinator Contact Details:
 Email:clinqc@cmcvellore.ac.in
 Contact Number: 0416-2283102

Pamela Christudoss

Dr. Pamela Christudoss
 CMC EQAS Coordinator
 Christian Medical College, Vellore

Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential

CMC EQAS does not sub contract any components

***** End of Report *****