

Calibration Certificate

Calibrated For :- Shree Rugha Ram Bhadu Memorial Education & Welfare Society. Village Saruna, Teh. Sri Dungargarh	Certificate No. : Analysar-ATP-004 / 2022-2023
	Date of Calibration : 06/09/2022
	Calibration Due on : 05/09/2023
	Page No. : 1

DETAILS OF UNIT UNDER CALIBRATION

Model Name : PRIETEST TOUCH PLUS	Sr. No.: ATP0210222RBK
---	-------------------------------

STANDARD USED FOR CALIBRATION

Parameters	Inst. Name & Sr. No.	Cert. No.	Calibrated by	Validity
Temperature Calibration	Digital Thermometer	UCS/CAL/21100315	Universal Instrument	31/10/2022
Temperature Calibration	Digital Thermometer	UCS/CAL/21100314	Universal Instrument	31/10/2022
Film readings Calibration	Spectrophotometer, Make:Shimadzu, Model No.:UV-1800, Sr. No. A-1145 4702871	REG/28/2201	QC dept. of Reagent Robonik india pvt.ltd	19/01/2023

OBSERVATIONS (Temperature Calibration)

Temperature Details	Incubator Temperature	Cuvette Temperature
Thermometer Sr. No.	025	012
Obtained Value	37.4 °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	0.549 – 0.619	0.567
	1HP + 1SP	0.842 – 0.975	0.901
	1TP	1.627 – 1.853	1.715
	2DP + 1HP	2.643 – 3.427	2.669
405 nm	1SP	0.307 – 0.348	0.315
	1TP	0.929 – 1.062	0.998
	2DP + 1HP	1.432 – 1.642	1.574
	3TP	2.809 – 3.318	2.889
510 nm	1SP	0.299 – 0.337	0.301
	1TP	0.913 – 1.054	0.992
	2DP + 1HP	1.386 – 1.576	1.515
	3TP	2.784 – 3.232	2.848
545 nm	1SP	0.264 – 0.313	0.284
	1TP	0.844 – 0.956	0.877
	2DP + 1HP	1.287 – 1.446	1.307
	3TP	2.512 – 2.849	2.649
578 nm	1SP	0.265 – 0.302	0.271
	1TP	0.791 – 0.904	0.872
	2DP + 1HP	1.200 – 1.391	1.343
	3TP	2.387 – 2.702	2.640
630 nm	1SP	0.300 – 0.352	0.309
	1TP	0.977 – 1.115	1.047
	2DP + 1HP	1.443 – 1.648	1.585
	3TP	2.806 – 3.230	2.928

Biochemistry Analyser bearing serial no. ATP0210222RBK has been calibrated for above parameter and found to be within acceptance criteria.
Calibrated By: *[Signature]* Approved By: *[Signature]*

ROBONIK (INDIA) PVT. LTD.

Plot NO. 3 & 4. MIDC Industrial Area, Morivali, Near Ladi Naka, Ambarnath (W) - 421 501,
District Thane, Maharashtra, INDIA, Tel.: +91 (251) 2689000,
Email : sales@robonikindia.com, Website : www.robonik.in
CIN No. : U33111MH2003PTC139729

