



ROBONIK



Calibration Certificate

Model Name: PRETEST TOUCH
Sr. No: ATP1100522RBBK
The Medikal Office,
Primary health center,
Narasaraopatti, Pudukottal(dh).

Certificate No.: Analyzed - ATCD-416-2023-2024
Date of Calibration: 28-09-2023
Calibration Due on: 29-09-2024

STANDARD USED FOR CALIBRATION

Parameters	Ref. Name & Sr. No.	Cert. No.	Calibrated by	Validity
Temperature Calibration	Digital Thermometer	UCS/CAL/21/000115	Universal Instrument	31/08/2024
Temperature Calibration	Digital Thermometer	UCS/CAL/21/000114	Universal Instrument	31/08/2024
Film readings Calibration	Spectrophotometer Make: Shimadzu, Model No. UV-1800, Sr. No. A-1145 4702371	REG282207	QC dept. of Rangpur Rubberex India pvt.ltd	2007/2024

OBSERVATIONS (Temperature Calibration)

Temperature Details Thermometer Sr. No. Observed Value Range	Indicator 62.5 27.5°C 37°C (± 0.1°C)	Correct Temperature 0.12 37.4°C 37°C (± 0.5°C)
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OPTICAL FILM READING CALIBRATION

Wavelength	Film type	Range	Absorbance Observed
340 nm	1HP	0.849 - 0.839	0.890
	1HP + 1HP	0.843 - 0.874	0.914
	1TP	0.877 - 0.883	1.177
	2DP + 1HP	0.843 - 0.837	1.114
	1SP	0.397 - 0.348	0.318
	1TP	0.839 - 0.843	1.007
405 nm	2DP + 1HP	1.433 - 1.441	1.573
	1TP	1.809 - 1.518	1.014
	1SP	0.299 - 0.337	0.300
	1TP	0.913 - 1.054	0.997
	2DP + 1HP	1.306 - 1.576	1.505
	1TP	2.784 - 3.332	2.997
545 nm	1TP	0.264 - 0.313	0.286
	1SP	0.844 - 0.956	0.918
	2DP + 1HP	1.387 - 1.446	1.393
	1TP	2.512 - 2.649	2.790
	1SP	0.365 - 0.302	0.392
	1TP	0.791 - 0.904	0.874
578 nm	2DP + 1HP	1.300 - 1.391	1.337
	1TP	2.387 - 1.702	2.660
	1SP	0.300 - 0.352	0.311
	1TP	0.977 - 1.115	1.065
	2DP + 1HP	1.443 - 1.648	1.584
	1TP	2.806 - 1.330	1.665

Hoch-massy Analyze beugung serial no ATP1100522RBBK has been calibrated for above parameter and found to be within as acceptance criteria.

calibrated by:

M. J. J.

Approved by:

