

STATUS PASSED

MICROLLN

CALIBRATION REPORT

DEVICE ID MICROPIPETTE
METHOD ID VV-1000

DESCRIPTION
DATE

VAR VOL: 1.00-10.00µl
06/FEB/2021

ENVIRONMENTAL FACTORS
TEMP: 23.00C
AIR DENSITY: 0.00120kg/cm³

BARO. PRESSURE: 750.00 mmHg
Z FACTOR: 1.002899/cm³/g

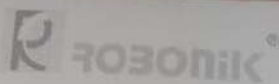
REL. HUMIDITY: 50.00 %
CUBIC EXP: 0.00000cm³/µg C

SAMPLE

CALIBRATION STATISTICS

Vol.	No.	Wt.	Vol.	Vol.	Mean	Sd	Inaccuracy E%			Status	Imprecision CV%
							Actual	Target	Passes		
1000	1	65.80	100.10	100.0	80.23	0.524	0.23	0.50	Passed	0.60	
1000	2	65.80	100.30	50.0	99.14	1.055	0.17	0.50	Passed	0.20	
1000	3	2.9439	100.30	100.0	100.056	1.801	0.09	0.50	Passed	0.23	
5000	1	497.80	496.24								
5000	2	496.30	500.15								
5000	3	1.45119	428.14								
10000	1	1000.00	1002.90								
10000	2	1597.50	6002.90								
10000	3	2994.20	6001.90								

Calibration and specifications conforming to ISO 8655 standards.
Each pipette is individually calibrated on electronic balance.



Calibration Certificate

Model Name: PRIESTEST TOUCH
 Sr. No: ATCD1441220RBK
 The Medical Officer,
 Primary health center,
 Alamarathupattil, Virudhunagar(dt).

Certificate No.: Analyzer-ATCD-958/2023-2024

Date of Calibration: 28-09-2023

Calibration Due on: 29-09-2024

STANDARD USED FOR CALIBRATION

Parameters	Inst. Name & Sr. No.	Carl. No.	Calibrated by	Validity
Temperature Calibration	Digital Thermometer	UCSCAL/2100315	Universal Instrument	31/10/2024
Temperature Calibration	Digital Thermometer	UCSCAL/2100314	Universal Instrument	31/10/2024
Film readings Calibration	Spectrophotometer, Make: Shimadzu, Model No: UV-1800, Sr. No. A-1145 4702371	R0328/2207	QC dept. of Rangpur 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	1.731
	2DP + 1HP	2.643 - 3.427	2.714
405 nm	ISP	0.307 - 0.348	0.318
	1TP	0.927 - 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 ATCD1441220RBK has been calibrated for above parameter and found to be within its acceptance criteria.



calibrated by:

[Signature]

Approved by:

[Signature]

Dr. S.S.Aravindha Selvan, M.B.B.S.
(Assistant Surgeon General)
Medical Officer
Regd.No : 116345



Govt. Primary Health Center
Alamarathupatti

29/09/2023

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 Centre
Virudhunagar	Sivakasi	M.Pudhupatti	Alamarathupatti Addl. Phc

This certificate is issued for submitting the Application for the "NABL Medical Entry Level Testing M(ELT) Labs Program"

Medical Officer
Govt. Primary Health Cent
Alamarathupatti