

CALIBRATION REPORT

Date:08/08/2024

- 1. Curis Diagnostics Pvt.Ltd, F-24/25 sector-3 Rohini Delhi -110085**
- 2. Instrument :Bio-Chemistry Analyzer**
- 3. Model:RX-50V**
- 4. Sr.No.:1711963**
- 5. DateofCalibration:08/08/2024**
- 6. DueDateOfCalibration:07/08/2025**

TESTPARAMETERS

TestParameters	ActualParameters			Ok/Not Ok
LogicVoltage3.3V	3.3V			Ok
LampVoltage (11.8to12.2)	11.92V			Ok
SMPSVoltages: 15.31 V	15.31V			Ok
Flow Cell Temperature	25°C 1650	30°C 1460	37°C 1140	All Ok
PumpCalibration value	4526			Ok

Sr. No.	Filters	GainVoltages	Range
1	340nm	1.7186	1.3000-2.1000
2	405nm	2.2547	1.4000-3.0000
3	000nm	-	-
4	505nm	2.6494	1.4000-3.0000
5	546nm	2.5851	1.4000-3.0000
6	578nm	2.4818	1.4000-3.0000
7	630nm	2.4650	1.4000-3.0000
8	000nm	-	-
9	Temp	0.7068	0.6000-1.0000
10	FilterOffset	55	-

Photometric Accuracy:-

The readings of the absorbance are taken of following standard filters at the frequency of 546nm. The results are compared with its range.

Range of the Instrument: Optical Density Linear From 0 to 3.0

Std Absorbance	Measured Absorbance	Range
0.2	0.2051	0.2000-0.2600
0.4	0.4047	0.4000-0.4500
1.0	1.0083	1.0000-1.0900
2.0	2.0038	2.0000-2.0800

Precision Control:-

The absorbance of two standard filters of 0.4 and 2.0 is taken. The 20 replicates of each is made and mentioned as CV (%).

Std Absorbance	CV(%)
0.4	0.02%
2.0	0.008%

Clinical Chemistry control:-

CHEMISTRY	Level-1			Level-2		
	Measured	Mean	Range	Measured	Mean	Range
GLU	75.52	84	64 -104	305.01	288	236-354
SGPT	60.02	54	43.2 -64.8	133.15	125	106-162
CRTN	0.90	0.89	0.70-1.09	3.60	3.17	3.06-4.76

Control Date: 08/08/2024



QC Department: 