



Calibration Certificate

Following values have been checked & adjusted on BS 240 (Sr.No- YX-64000027) at Dham Diagnostic Centre 3856/23, Reghar pura, Arya Samaj Road, Karol Bagh, New Delhi-110005

System voltages are in the specified range –Checked by Digital Multimeter are as below:

S.No.	Module	Observed Value	Acceptable Range
1	24 Voltage Supply	24.3 VDC	24.0 +/- 1.0 VDC
2	12 Voltage Supply	12.2 VDC	12.0 +/- 0.5 VDC
3	5 Voltage Supply	5.01 VDC	5.00 +/- 0.1 VDC
4	Liquid Level Sensor Board Supply	4.0 VDC	4.0 +/- 0.1 VDC

System Temperature values are in the specified range –Checked by Digital Thermometer are as below:

S.No.	Module	Observed Value	Acceptable Range
1	Reagent Preheater Temp.	45 °C	45 +/- 0.5 °C
2	Reaction Disk Temp.	37 °C	37 +/- 0.4 °C
3	Reagent Compartment Temp.	10 °C	8 to 12 °C

Photometer Adjustment Values are within range as recommended:

S.No.	Module	Observed Value	Acceptable Range
1	Background Count for all Wavelength	52,000 +/-40	48,000 to 55,000

Pipetting Syringes are Ok volume dispensed measured on Digital Weighing Machine:

S.No.	Module	Observed Value	Acceptable Range
1	Reagent/Sample Syringe	500 uL	500 +/-1uL

Washing Dispense are Ok volume dispensed measured on Digital Weighing Machine

S.No.	Module	Observed Value	Acceptable Range
1	Interior Washing	3.01 mL	3.00 +/- 500uL
2	Exterior Washing	3.01 mL	3.00 +/- 500uL

- All other mechanisms have been checked through software and found OK.
- Performed calibration for End Point, Kinetic & Fixed Time Kinetic.Run control & sample, Results were satisfactory.
- Next Calibration will be performed on 24-07-2022

For Star Biomed Pvt. Ltd.

Service Manager

Date: 25-07-2021