



Ref No. TBMSZ1/SSL/10003
Date : 01.03.2022

SRI SUBHAM LAB
Devanathaswamy Nagar
Villupuram -605602

Dear Sirs,

As desired by you please find the Calibration Check Report on Chem5x
Sr No. S201218

1. Year of manufacturing : 2019
2. Range of the instrument: Optical density Linear form 0-2.5
3. Date of Calibration 01.03.2022
4. Next Calibration Due: 28.02.2023

Test Voltages / Test Temperature -

Test Voltage	Actual Voltage	Ok / Not Ok
Logic 5 V	5.10V	OK
Line voltage	220V	OK
Lamp Voltage 12v	11.7V	OK
Temperature 25°C	25°C	OK
Temperature 30°C	30°C	OK
Temperature 37°C	37°C	OK
Input Voltage	18.0 VDC	OK
Pump Calibration	8541	OK



Sr.No.	Filters	Pre Channel	Log Channel
1	340	40k	0.77
2	405	39k	0.71
3	450	43k	0.67
4	505	62k	0.51
5	546	38k	0.72
6	578	28k	0.85
7	630	68k	0.42
8	670	88k	0.33

Thanking you and assuring of our prompt attention at all times.

Yours Sincerely,
For **TRANSASIA BIO-MEDICALS LTD.,**

S.SIVA PANDI
SERVICE ENGINEER

INTERNAL QUALITY CONTROL (IQC) DATA

Parameter: Glucose



Parameter: Urea



Parameter: Creatinine



Parameter: Uric Acid



Parameter: Bilirubin Total



Parameter: Total Protein



Parameter: Albumin



Parameter: Cholesterol



Parameter: Triglycerides



DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC HOSPITAL, VELLORE
IQC

Procedure for reconstitution

Use a volumetric glass pipette for reconstituting. (If you do not have volumetric pipette use an automatic pipette to deliver the correct volume of **2 ml** distilled water into the vial.

Close the vial with the rubber stopper. Do not shake the vial. Leave it aside for 25 minutes.

After 25 minutes take the vial in hand between palms, roll it slowly sideways & then tilt upside down carefully. At any point do not shake the vial vigorously. Avoid foam formation.

Leave it again for 10 minutes and tilt the vial carefully upside down for another 10 times till completely dissolved.

CMC Assayed IQC for precision checking – PRECICON A

S.No	Analyte	Mean	Range(2SD)	Unit
1	Glucose	114	104 - 124	mg/dL
2	Urea	29	23 - 35	mg/dL
3	Creatinine	1.4	1.2 - 1.6	mg/dL
4	T. Bilirubin	1.7	1.4 - 2.0	mg/dL
5	T. Protein	4.9	4.2 - 5.6	g/dL
6	Albumin	3.2	2.6 - 3.8	g/dL
7	Uric acid	4.9	4.4 - 5.4	md/dL
8	Cholesterol	111	101 - 121	mg/dL
9	Triglyceride	151	138 - 164	mg/dL

We have given a format for LJ graph. Kindly plot on the LJ graph as and when you do IQC.