

## Calibration Verification Report

**Client Name:** ESIC Model Hospital

**Address:** Jaipur

**Analyser Model:** DXC700 AU

**Serial Number:** 2023023353

**Date of Inspection:** 17.03.2024

**Valid Upto:** 16.03.2025

Mechanical Modules								
Centering							Height	Alignment Jig
	Cuvette	Washwell	Rack	Stat	ISE	Reagent Bottle	Cuvette	Light Path
FA	1mm or more	0.5mm or more	1mm or more	1mm or more	4mm or more		14.5mm	
FB	0.5 mm							
FC	1mm/0.5mm	1mm					14.5mm	
FD01	0.5mm or more	0.5mm or more				1mm or more	14mm	
FD11	0.5mm or more	0.5mm or more				1mm or more	14mm	
GA								

**KOPRAN LABORATORIES LTD.**  
CIN No. : U24230MH1986PLC040602

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## Calibration Verification

Electronic Modules									
Power Supply	Measured Voltage	Target	Range	Measured Voltage	Target	Range	Measured Voltage	Target	Range
PS1	5.2	5 V	+/-0.5 V	15.1 V	15 V	+/-0.5 V	-15.2	-15 V	+/-0.5 V
PS2	5.1	5 V	+/-0.5 V	15.2 V	15 V	+/-0.5 V	-14.8	-15 V	+/-0.5 V
PS3	24.1	24 V	+/-0.5 V						
PS4	24.2	24 V	+/-0.5 V						
PS5	15.0	15 V	+/-0.5 V	-14.9 V	-15 V	+/-0.5 V	12.1	12 V	+/-0.5 V

## Photometric Check

Requirement: O.D. value at all the wavelengths should be less than 1.7 ABS units.

Wavelength (nm)	Optical Density (ABS Units)
340	1.0365
380	0.8189
410	0.7563
450	0.8692
480	0.6746
520	0.7223
540	0.7757
570	0.8749
600	1.0012
660	0.7228
700	0.6396
750	0.5544
800	0.4222

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### Pipetting check:

Requirement: The C.V. should be less than 3%

Test Name	Replicates	Mean Value	C.V %	S.D.	Remarks
Glucose	10	236.511	0.54	1.2695	PASS
Urea	10	172.318	0.84	1.4489	PASS
Creatinine	10	5.408	0.85	0.0457	PASS
AST	10	140.456	0.68	0.9609	PASS
ALT	10	128.502	0.69	0.8818	PASS
TP	10	7.606	0.32	0.0246	PASS

### Incubation Temperature:

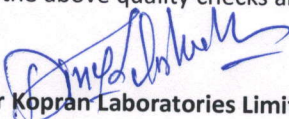
Range: 37°C +/- 0.5°C

On Display, the temperature is 37.0°C and is stable.

### Appendix:

Measuring Instruments	Calibration Record	Validity
Digital Multimeter	OK	NOV 2024
Light Path alignment Jig	No Calibration Required	-
Measuring Scale	No Calibration Required	-
Glass Measuring Glass	No Calibration Required	-

We hereby confirm that BECKMAN COULTER DxC 700AU has been successfully calibrated and passed all the above quality checks and is working in good condition.

  
For Kopran Laboratories Limited,

DINESH VISHWAKARMA

Regional manager-Service

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