

## CALIBRATION CERTIFICATE

**Customer Name : Leelavathi Multispeciality Hospital**

#7,2nd Main Road,  
Chamarajapet, Bangalore-560018

**Instrument Model : ECOLAB SEMIAUTOMATIC ANALYZER**

**Instrument Serial No. : BA-CL-121**

**Calibration Done On : 24/04/2023**

**Calibration Due On : 23/04/2024**

THE FOLLOWING CHECKS AND SETUPS ARE CARRIED OUT FOR ECOLAB SEMIAUTOMATIC ANALYZER FOR PERFORMANCE QUALIFICATION .

### BIOCHEMISTR SEMI AUTO ANALYZER (BTS-350) FOR CALIBRATION FACTOR AND STANDARD

PARAMETER	CALIBRATION	FACTOR	MODE
GLUCOSE	STANDARD	282	END POINT
CREATININE	STANDARD	31	FIXED TIME
CHOLESTROL	STANDARD	633	END POINT
ALP AMP	FACTOR	2764	KINETIC
SGOT	FACTOR	3333	KINETIC
SGPT	FACTOR	3333	KINETIC
ALBUMIN	STANDARD	14	END POINT
BILLURUB TOT	FACTOR	23	END POINT
BILLRUB DIR	FACTOR	17	END POINT
URIC ACID	STANDARD	24.75	END POINT
CALCIUM ARS	STANDARD	9.025	END POINT
TRIGLYCERIDE	STANDARD	245	END POINT
TOTAL PROTEIN	STANDARD	25	END POINT
UREA UV	STANDARD	50.4	END POINT

### BIOCHEMISTR SEMI AUTO ANALYZER (BTS-350) WITH BIORAD QC LEVEL 1 AND LEVEL 2



CREATININE	2.3	5.5	1.60 - 2.40	4.0 - 6.0
CHOLESTROL	105	284	86.5 - 112	236 - 288
ALP AMP	90	397	70.2 - 123	354 - 497
SGOT/AST	48	190	33.2 - 48.3	171 - 225
SGPT/ALT	38	88	27.4 - 40.9	85.8 - 115
ALBUMIN	4.2	3.4	3.20 - 4.60	2.7 - 3.40
BIL TOT	1.05	4.8	1.0 - 1.6	4.2 - 6.2
BIL DIR	0.35	1.1	0.2 - 0.4	1.0 - 1.4
URIC ACID	6.0	10.0	5.50 - 7.70	8.20 - 12.4
UREA UV	16	43	14.2 - 17.0	43.1 - 51.6
TRIGLYCERIDE	175	65	135 - 202	60.2 - 90.3
CALICUM	10	11.8	8.25 - 10.3	10.9 - 13.2
TOTAL PROTEIN	7.0	4.7	6.10 - 7.50	4.00 - 4.80

REMARKS: REMARKS: ALL MEASURED VALUE IS WITHIN THE TARGET RANGE FOR ALL PARAMETERS STANDARD AND CONTROL IN LEVEL 1 & 2.

Protocol performed by: JK Biomed

Name : Vignesh

Signature : 


Designation: SERVICE ENGINEER

Date : 24/04/2023

Customer Authorization:

Name : Elargo . C .

Designation: Lab incharge

Signature : 

Date : 24-04-23

