

RESOLVING QC FAILURE

Steps taken to resolve out of range values for the month of January

1. Fresh reagents were prepared and samples were re-run.
2. Sample storage, handling and instrument operation was reviewed.
3. Maintenance of instruments were done prior to sample analysis.
4. Internal quality control was done.
5. Staff training was performed.



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Lab Name SOBHI DIAGNOSTIC CENTRE [Details About Robust Analysis](#)
Lab No 2739 [Detail About Monthly Summary](#)
Month January [Detail about SDI](#)
Year 2021
Constituent Group Chemistry II

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Date of Result Entered : 17/01/2021
 Date of Report Published : 05/02/2021

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE II	GOD-POD II	Robonik (Semi automatic / Fully Automatic)	379	118.64	9.39	11.14	123.6 mg/dl	0.45	1.14
2	CREATININE II	Jaffes Kinetic- Alkaline Picrate II	Robonik (Semi automatic / Fully Automatic)	263	1.30	13.52	0.18	1.4 mg/dl	0.57	0.02
3	T.BILIRUBIN II	Diazonium Salt (Colorimetric) / Jendrassik II	Robonik (Semi automatic / Fully Automatic)	233	2.01	23.12	0.46	0.9 mg/dl	-2.39	0.06
4	T-PROTEIN II	Biuret - Colorimetric II	Robonik (Semi automatic / Fully Automatic)	173	5.56	10.63	0.59	5 g/dl	-0.95	0.09
5	ALBUMIN II	BCG - Colorimetric II	Robonik (Semi automatic / Fully Automatic)	167	3.33	11.35	0.38	2.5 g/dl	-2.20	0.06
6	URIC ACID II	Enzymatic / Uricase Colorimetric II	Robonik (Semi automatic / Fully Automatic)	193	5.70	16.69	0.95	6.5 mg/dl	0.84	0.14
7	CHOLESTROL II	CHOD-PAP II	Robonik (Semi automatic / Fully Automatic)	353	114.48	12.54	14.36	160.2 mg/dl	3.18	1.53
8	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	Robonik (Semi automatic / Fully Automatic)	198	142.26	14.28	20.32	151 mg/dl	0.43	2.89

SDI Range	Interpretation
Within -1.0 to +1.0	Excellent.
Between ±1.0 to ±2.0	Good.
Between ±2.0 to ±3.0	Accept with caution. Warning Signal.
Beyond ±3.0	Unacceptable performance. Action Signal.

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