

Date: 10-10-2021

## CERTIFICATE OF CALIBRATION

**Customer Name:** "Radcliffe Life Diagnostics", Dehradun.

**Model:** Fully Automated Bio Chemistry Analyzer XL640

**Serial No.:** 640352.

**Calibration done date:** 10/10/2021

**Next Calibration due Date:** On or Before 10/10/2022

**Lab In charge:** Mr. Bantu Yadav.

This is to certify that above mentioned product has been verified of calibration By

Checked Lamp Voltage found in range.

Checked gain of Photometer for all wavelengths(Range450 to950). Values obtained under range.

Checked calibration of probe on all location found o.k.

Checked Temperature at Reagent tray found in range (Range 4 to 12 degree)

and reaction tray found in range (range 36.5 to 37.5 degree).

Checked pressure of pressure tank found in range (range 0.8 to 1.2 bar).

Checked Absorbcuvetteblankswithrespecttoallfiltersfoundinrange0.02to

0.2 Abs.

Followed by calibration of all the three types of chemistries (picked up CHOL, CREAT and SGPT) and QC run with factory values of QC

Calibration at site performed by Mr Tara Singh Mehra

(Tara Singh Mehra )

Area Service Manager,

# Result Reprint

Report Type : Controls      04-Aug-2022      Consumable: Bio ACC 1

Sl #	Lot #	Consumable	Test	Result Unit	Flag	Curve #	Result Date	Mean	SD	Interval (3SD)
1	26491	Bio ACC 1	Na	144.10 mmol/l		0	4-Aug-2022 10:00:02	142.208	3.040	133.088 - 151.328
2	26491	Bio ACC 1	K	3.64 mmol/l		0	4-Aug-2022 10:00:02	3.623	0.090	3.353 - 3.893
3	26491	Bio ACC 1	Cl	100.90 mmol/l		0	4-Aug-2022 10:00:02	101.812	3.000	92.812 - 110.812
4	26491	Bio ACC 1	SGPTD	30.2 U/L	+1SD	354727	4-Aug-2022 10:03:05	28.228	1.220	24.568 - 31.888
5	26491	Bio ACC 1	SGOTD	38.5 U/L		354729	4-Aug-2022 10:03:23	38.555	1.370	34.445 - 42.665
6	26491	Bio ACC 1	ALPU	115 U/L	+1SD	354731	4-Aug-2022 10:03:42	107.656	7.210	86.026 - 129.286
7	26491	Bio ACC 1	GGT	66.2 U/L		354733	4-Aug-2022 10:04:00	65.623	1.880	59.983 - 71.263
8	26491	Bio ACC 1	PHOS	3.79 mg/dl		354735	4-Aug-2022 10:04:17	3.841	0.210	3.211 - 4.471
9	26491	Bio ACC 1	BIDD	0.37 mg/dl		354737	4-Aug-2022 10:04:36	0.371	0.030	0.281 - 0.461
10	26491	Bio ACC 1	BIT	0.91 mg/dl		354739	4-Aug-2022 10:04:53	0.972	0.070	0.762 - 1.182
11	26491	Bio ACC 1	UREA	35.7 mg/dl	+1SD	354741	4-Aug-2022 10:05:12	32.520	1.800	27.12 - 37.92
12	26491	Bio ACC 1	CRENZ	1.54 mg/dl	-1SD	354743	4-Aug-2022 10:05:30	1.710	0.120	1.35 - 2.07
13	26491	Bio ACC 1	GLU	82.1 mg/dl		354745	4-Aug-2022 10:05:48	83.719	2.950	74.869 - 92.569
14	26491	Bio ACC 1	TRIG	178.4 mg/dl		354747	4-Aug-2022 10:06:06	183.571	6.440	164.251 - 202.891
15	26491	Bio ACC 1	CHOL	244 mg/dl		354749	4-Aug-2022 10:06:24	250.787	7.140	229.367 - 272.207
16	26491	Bio ACC 1	HDLC	62.7 mg/dl		354752	4-Aug-2022 10:06:51	61.920	2.340	54.9 - 68.94
17	26491	Bio ACC 1	LDL	155.6 mg/dl		354754	4-Aug-2022 10:07:09	149.000	15.000	104 - 194



# Result Reprint

Report Type : Controls      04-Aug-2022

Consumable: Bio ACC 1

Sl #	Lot #	Consumable	Test	Result Unit	Flag	Curve #	Result Date	Mean	SD	Interval (3SD)
18	26491	Bio ACC 1	UA	5.3 mg/dl	F	354757	4-Aug-2022 10:07:36	5.228	0.180	4.688 - 5.768
19	26491	Bio ACC 1	CA	9.1 mg/dl		354759	4-Aug-2022 10:07:54	9.608	0.560	7.928 - 11.288
20	26491	Bio ACC 1	ALBD	4.02 g/dl	+1SD	354761	4-Aug-2022 10:08:12	3.890	0.100	3.59 - 4.19
21	26491	Bio ACC 1	PRO	6.98 g/dl	+1SD	354763	4-Aug-2022 10:08:30	6.765	0.180	6.225 - 7.305
22	26491	Bio ACC 1	FE	234.4 µg/dl		354777	4-Aug-2022 10:28:39	236.000	24.000	164 - 308
23	26491	Bio ACC 1	UBC	64.5 µg/dl	F	354784	4-Aug-2022 11:15:56	63.300	6.300	44.4 - 82.2

4/8/22

# Result Reprint

Report Type : Controls 04-Aug-2022

Consumable: Bio ACC 2

Sr #	Lot #	Consumable	Test	Result Unit	Flag	Curve #	Result Date	Mean	SD	Interval (3SD)
1	26492	Bio ACC 2	Na	121.90 mmol/l	-1SD	0	4-Aug-2022 10:00:49	124.042	1.670	119.032 - 129.052
2	26492	Bio ACC 2	K	5.45 mmol/l	+1SD	0	4-Aug-2022 10:00:49	5.310	0.130	4.92 - 5.7
3	26492	Bio ACC 2	Cl	84.00 mmol/l		0	4-Aug-2022 10:00:49	87.185	3.260	77.405 - 96.965
4	26492	Bio ACC 2	SGPTD	102.6 U/L		354728	4-Aug-2022 10:03:14	99.989	3.300	90.089 - 109.889
5	26492	Bio ACC 2	SGOTT	196.6 U/L		354730	4-Aug-2022 10:03:32	192.982	5.460	176.602 - 209.362
6	26492	Bio ACC 2	ALPU	473 U/L		354732	4-Aug-2022 10:03:50	469.492	27.710	386.362 - 552.622
7	26492	Bio ACC 2	GGT	164.9 U/L		354734	4-Aug-2022 10:04:09	163.636	3.910	151.906 - 175.366
8	26492	Bio ACC 2	PHOS	7.03 mg/dl		354736	4-Aug-2022 10:04:27	7.235	0.270	6.425 - 8.045
9	26492	Bio ACC 2	BIDD	1.35 mg/dl		354738	4-Aug-2022 10:04:44	1.344	0.060	1.164 - 1.524
10	26492	Bio ACC 2	BIT	4.52 mg/dl		354740	4-Aug-2022 10:05:02	4.573	0.190	4.003 - 5.143
11	26492	Bio ACC 2	UREA	103.6 mg/dl		354742	4-Aug-2022 10:05:21	98.552	5.460	82.172 - 114.932
12	26492	Bio ACC 2	CRENZ	4.81 mg/dl		354744	4-Aug-2022 10:05:39	4.934	0.240	4.214 - 5.654
13	26492	Bio ACC 2	GLU	281.0 mg/dl		354746	4-Aug-2022 10:05:57	283.247	6.700	263.147 - 303.347
14	26492	Bio ACC 2	CHOL	102 mg/dl		354750	4-Aug-2022 10:06:33	103.295	3.270	93.485 - 113.105
15	26492	Bio ACC 2	HDL C	20.4 mg/dl	-1SD	354753	4-Aug-2022 10:07:00	22.211	1.010	19.181 - 25.241
16	26492	Bio ACC 2	LDL	68.8 mg/dl		354755	4-Aug-2022 10:07:18	67.600	6.750	47.35 - 87.85
17	26492	Bio ACC 2	UA	10.4 mg/dl	F	354758	4-Aug-2022 10:07:45	10.285	0.240	9.565 - 11.005

2022/8/18

Print Date 04-Aug-2022

# Result Reprint

Report Type : Controls 04-Aug-2022

Consumable: Bio ACC 2

Sr #	Lot #	Consumable	Test	Result Unit	Flag	Curve #	Result Date	Mean	SD	Interval (3SD)
18	26492	Bio ACC 2	CA	12.1 mg/dl	-1SD	354760	4-Aug-2022 10:08:03	12.895	0.600	11.095 - 14.695
19	26492	Bio ACC 2	ALBD	2.74 g/dl	+1SD	354762	4-Aug-2022 10:08:21	2.639	0.070	2.429 - 2.849
20	26492	Bio ACC 2	PRO	4.39 g/dl		354764	4-Aug-2022 10:08:39	4.416	0.160	3.936 - 4.896
21	26492	Bio ACC 2	UIBC	145.4 ug/dl	F,+1SD	354769	4-Aug-2022 10:15:43	126.000	12.000	90 - 162
22	26492	Bio ACC 2	FE	62.7 ug/dl		354778	4-Aug-2022 10:28:48	62.100	6.150	43.65 - 80.55
23	26492	Bio ACC 2	TRIG	83.0 mg/dl	F	354779	4-Aug-2022 10:48:33	85.103	3.320	75.143 - 95.063

  
 4/18/22

# Result Reprint

Report Type : Controls      04-Aug-2022

Sl #	Lot #	Consumable	Test	Result Unit	Flag	Curve #	Result Date	Mean	SD	Interval (3SD)
1	S072123	HbA1c LOW	HA1cD	5.7 %		354785	4-Aug-2022 11:58:36	5.400	0.400	4.2 - 6.6
2	S062145	HA1cd HIGH	HA1cD	13.0 %		354786	4-Aug-2022 11:58:45	13.300	1.000	10.3 - 16.3
3	S012273	CRP L	CRPD	12.1 mg/l	+1SD	354787	4-Aug-2022 11:58:54	10.000	1.500	5.5 - 14.5
4	S012213	CRPD High	CRPD	56.7 mg/l	+1SD	354788	4-Aug-2022 11:59:03	48.600	7.300	26.7 - 70.5
5	S012213	CRPD High	RFD	47.8 IU/ml		354789	4-Aug-2022 11:59:12	56.000	8.400	30.8 - 81.2

  
 8/18/22