



TECHNICAL CALIBRATION CERTIFICATE

CUSTOMER NAME : REDCLIFFE LIFETECH PVT. LTD, JABALPUR M.P.

- MODEL:XL-640 SR.NO : 640468 DATE : 15TH DEC 2022
 - INSPECTED THE SITE FOR VIBRATION FREE PLATFORM, DUST FREE ENVIRONMENT , AWAY FROM DIRECT SUNLIGHT YES
 - VOLTAGE OBTAIN BETWEEN PHASE & NEUTRAL : 232V. NEUTRAL & GROUND: 01 V AND PHASE & GROUND: 233V.
 - INSTALLED CVT/ STABILIZER/UPS OF: NEXUS
 - CHECKED ALL CONNECTIONS INSIDE THE INSTRUMENT AND FOUND OK: YES
 - FULLY AUTOMATIC BIOCHEMISTRY ANALYZER PARAMETER CHECK ON XL 640.
1. GAIN OF WAVELENGTH FILTERS :
340nm-136 476nm-136 415nm-139
450nm-125 480nm-114 505nm-128
546nm-125 570nm-129 600nm-114
660nm-132 700nm-137 750nm-126
 2. PRESSURE INDICATION :1.05
 3. CUVETTE BLANK VALUES WITH IN RANGE :YES
 4. RCT TEMPRATURE :37.0 C (37.0 C+ 0.5)
 5. RGT TEMPRATURE :7.0 C (8.0 C+ 4)
 6. LAMP VOLTAGE :11.89V.

NEXT CALIBRATION DUE DATE:- 14TH DEC 2023

NAME OF THE ENGINEER: ABHISHEK CHOUDHARY

Result Reprint

Consumable: BIO RAD L1

20-Jun-2023

Report Type : Controls

Sr #	Lot #	Consumable	Test	Result Unit	Flag	Curve #	Result Date	Mean	SD	Interval (3SD)
1	89711	BIO RAD L1	Na	136.70 mmol/L	-1SD	0	20-Jun-2023 09:10:58	145.000	7.250	123.25 - 166.75
2	89711	BIO RAD L1	K	3.30 mmol/L	-1SD	0	20-Jun-2023 09:10:58	3.600	0.180	3.06 - 4.14
3	89711	BIO RAD L1	Cl	86.40 mmol/L	-1SD	0	20-Jun-2023 09:10:58	96.100	4.870	81.49 - 110.71
4	89711	BIO RAD L1	SGPTD	27.6 U/L		159403	20-Jun-2023 09:13:52	26.300	2.700	18.2 - 34.4
5	89711	BIO RAD L1	SGOTD	39.9 U/L	-1SD	159405	20-Jun-2023 09:14:10	44.700	4.500	31.2 - 58.2
6	89711	BIO RAD L1	ALPU	97 U/L	-2SD	159407	20-Jun-2023 09:14:28	128.000	13.500	87.5 - 168.5
7	89711	BIO RAD L1	GGT	63.4 U/L		159409	20-Jun-2023 09:14:46	63.800	6.450	44.45 - 83.15
8	89711	BIO RAD L1	PHOS	4.17 mg/dL		159411	20-Jun-2023 09:15:04	4.150	0.310	3.22 - 5.08
9	89711	BIO RAD L1	BIDD	0.41 mg/dL		159413	20-Jun-2023 09:15:22	0.400	0.040	0.28 - 0.52
10	89711	BIO RAD L1	BIT	1.03 mg/dL		159415	20-Jun-2023 09:15:40	1.010	0.120	0.65 - 1.37
11	89711	BIO RAD L1	UREA	29.8 mg/dL	-1SD	159417	20-Jun-2023 09:15:58	33.500	2.550	25.85 - 41.15
12	89711	BIO RAD L1	CRENZ	1.88 mg/dL		159419	20-Jun-2023 09:16:16	1.800	0.180	1.26 - 2.34
13	89711	BIO RAD L1	GLU	88.8 mg/dL		159421	20-Jun-2023 09:16:34	87.300	6.720	67.14 - 107.46
14	89711	BIO RAD L1	TRIG	195.4 mg/dL		159423	20-Jun-2023 09:16:52	198.000	15.000	153 - 243
15	89711	BIO RAD L1	CHOL	249 mg/dL		159425	20-Jun-2023 09:17:10	258.000	19.500	199.5 - 316.5
16	89711	BIO RAD L1	HDLC	58.3 mg/dL	-1SD	159428	20-Jun-2023 09:17:37	67.500	6.750	47.25 - 87.75
17	89711	BIO RAD L1	LDL	154.9 mg/dL	+1SD	159430	20-Jun-2023 09:17:55	140.000	13.500	99.5 - 180.5

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Result Reprint

Consumable: BIO RAD L1

20-Jun-2023

Report Type : Controls

Sr #	Lot #	Consumable	Test	Result Unit	Flag	Curve #	Result Date	Mean	SD	Interval (3SD)
18	89711	BIO RAD L1	CA	9.9 mg/dL		159432	20-Jun-2023 09:18:14	10.400	0.750	8.15 - 12.65
19	89711	BIO RAD L1	ALBD	4.21 g/dL		159434	20-Jun-2023 09:18:32	3.940	0.300	3.04 - 4.84
20	89711	BIO RAD L1	PRO	6.49 g/dL		159436	20-Jun-2023 09:18:50	6.890	0.510	5.36 - 8.42
21	89711	BIO RAD L1	FE	238.2 µg/dL		159440	20-Jun-2023 09:19:26	224.000	22.500	156.5 - 291.5
22	89711	BIO RAD L1	UA	5.4 mg/dL		159446	20-Jun-2023 09:31:55	5.320	0.400	4.12 - 6.52
23	89711	BIO RAD L1	UIBC	113.0 µg/dL	F,+3SD	159454	20-Jun-2023 10:31:51	85.200	8.470	59.79 - 110.61
24	89711	BIO RAD L1	UIBC	103.2 µg/dL	F,+2SD	159460	20-Jun-2023 11:17:59	85.200	8.470	59.79 - 110.61

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Result Reprint

Report Type : Controls

Sr #	Lot #	Consumable	Test	Result Unit	Flag	Curve #	Result Date	Mean	SD	Interval (3SD)
1	89711	BIO RAD L1	HDLC	61.2 mg/dL		158704	19-Jun-2023 13:34:36	67.500	6.750	47.25 - 87.75
2	89712	BIO RAD L2	HDLC	21.8 mg/dL		158705	19-Jun-2023 13:34:45	23.200	2.250	16.45 - 29.95

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Result Reprint

Consumable: BIO RAD L2

Report Type : Controls

20-Jun-2023

Sr #	Lot #	Consumable	Test	Result Unit	Flag	Curve #	Result Date	Mean	SD	Interval (3SD)
1	89712	BIO RAD L2	Na	120.30 mmol/L		0	20-Jun-2023 09:11:45	123.000	6.000	105 - 141
2	89712	BIO RAD L2	K	5.53 mmol/L		0	20-Jun-2023 09:11:45	5.570	0.280	4.73 - 6.41
3	89712	BIO RAD L2	Cl	86.00 mmol/L		0	20-Jun-2023 09:11:45	86.800	4.350	73.75 - 99.85
4	89712	BIO RAD L2	SGPTD	95.6 U/L		159404	20-Jun-2023 09:14:01	94.600	9.570	65.89 - 123.31
5	89712	BIO RAD L2	SGOTD	207.1 U/L		159406	20-Jun-2023 09:14:19	205.000	21.000	142 - 268
6	89712	BIO RAD L2	ALPU	417 U/L	-1SD	159408	20-Jun-2023 09:14:37	522.000	52.500	364.5 - 679.5
7	89712	BIO RAD L2	GGT	163.2 U/L		159410	20-Jun-2023 09:14:55	166.000	16.500	116.5 - 215.5
8	89712	BIO RAD L2	PHOS	7.45 mg/dL		159412	20-Jun-2023 09:15:13	7.570	0.570	5.86 - 9.28
9	89712	BIO RAD L2	BIDD	1.24 mg/dL		159414	20-Jun-2023 09:15:31	1.120	0.130	0.73 - 1.51
10	89712	BIO RAD L2	BIT	4.46 mg/dL		159416	20-Jun-2023 09:15:49	4.480	0.550	2.83 - 6.13
11	89712	BIO RAD L2	UREA	94.2 mg/dL	-1SD	159418	20-Jun-2023 09:16:07	103.000	7.500	80.5 - 125.5
12	89712	BIO RAD L2	CRENZ	5.36 mg/dL		159420	20-Jun-2023 09:16:25	5.390	0.540	3.77 - 7.01
13	89712	BIO RAD L2	GLU	287.5 mg/dL		159422	20-Jun-2023 09:16:43	280.000	21.000	217 - 343
14	89712	BIO RAD L2	TRIG	80.6 mg/dL		159424	20-Jun-2023 09:17:01	84.600	6.300	65.7 - 103.5
15	89712	BIO RAD L2	CHOL	95 mg/dL		159426	20-Jun-2023 09:17:19	99.400	7.400	77.2 - 121.6
16	89712	BIO RAD L2	HDLC	20.1 mg/dL	-1SD	159429	20-Jun-2023 09:17:46	23.200	2.250	16.45 - 29.95
17	89712	BIO RAD L2	LDL	73.7 mg/dL	+1SD	159431	20-Jun-2023 09:18:04	65.500	6.600	45.7 - 85.3

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Result Reprint

Report Type : Controls 20-Jun-2023

Consumable: BIO RAD L2

Sr #	Lot #	Consumable	Test	Result Unit	Flag	Curve #	Result Date	Mean	SD	Interval (3SD)
18	89712	BIO RAD L2	CA	13.5 mg/dL		159433	20-Jun-2023 09:18:23	14.000	1.020	10.94 - 17.06
19	89712	BIO RAD L2	ALBD	2.82 g/dL		159435	20-Jun-2023 09:18:41	2.680	0.190	2.11 - 3.25
20	89712	BIO RAD L2	PRO	4.28 g/dL	-1SD	159437	20-Jun-2023 09:18:59	4.780	0.360	3.7 - 5.86
21	89712	BIO RAD L2	FE	65.1 µg/dL	+1SD	159441	20-Jun-2023 09:19:35	55.800	5.550	39.15 - 72.45
22	89712	BIO RAD L2	UA	10.5 mg/dL		159447	20-Jun-2023 09:32:04	10.700	0.750	8.45 - 12.95
23	89712	BIO RAD L2	UIBC	153.9 µg/dL	F,+2SD	159455	20-Jun-2023 10:32:00	120.000	12.000	84 - 156
24	89712	BIO RAD L2	UIBC	137.7 µg/dL	F,+1SD	159461	20-Jun-2023 11:18:08	120.000	12.000	84 - 156

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Result Reprint

Report Type : Controls 20-Jun-2023

Sr #	Lot #	Consumable	Test	Result Unit	Flag	Curve #	Result Date	Mean	SD	Interval (3SD)
1	S012366	ERBA CRP RF LOW	CRPD	9.3 mg/L		159444	20-Jun-2023 09:21:14	10.300	1.520	5.74 - 14.86
2	S012366	ERBA CRP RF LOW	RFD	21.4 IU/mL	-1SD	159445	20-Jun-2023 09:21:23	26.200	3.920	14.44 - 37.96
3	S122232	ERBA HbA1C CON L	SHBA1	5.2 %		159456	20-Jun-2023 10:42:41	5.400	0.400	4.2 - 6.6
4	S022325	ERBA HbA1C CON H	SHBA1	13.2 %		159457	20-Jun-2023 10:42:50	13.600	1.000	10.6 - 16.6

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Result Reprint

Report Type : Controls

Sr #	Lot #	Consumable	Test	Result Unit	Flag	Curve #	Result Date	Mean	SD	Interval (3SD)
1	89711	BIO RAD L1	AMY	63 U/L		159920	20-Jun-2023 16:02:56	58.500	5.850	40.95 - 76.05
2	89712	BIO RAD L2	AMY	400 U/L		159921	20-Jun-2023 16:03:05	394.000	39.000	277 - 511


 20/06/23