



UNMATCHED SERVICE
SINCE 1979...

TECHNICAL CALIBRATION CERTIFICATE

CUSTOMER NAME : **REDCLIFFE LIFETECH PVT. LTD RATLAM**

- MODEL:**XL-640** SR.NO ; **640336** DATE; **02 DEC 2022**
- INSPECTED THE SITE FOR VIBRATION FREE PLATFORM, DUST FREE ENVIRONMENT , AWAY FROM DIRECT SUNLIGHT **YES**
- VOLTAGE OBTAIN BETWEEN PHASE & NUTRAL : **232V**. NEUTRAL & GROUND: **01** VAND 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 (**XL-640**);
 1. GAIN OF WAVELEGTH 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:- 01 DEC 2023

NAME OF THE ENGINEER: **Sanjay Tiwari**

Result Reprint

Report Type : Controls 26-Jun-2023

Sl #	Lot #	Consumable	Test	Result Unit	Flag	Curve #	Result Date	Mean	SD	Interval (3SD)
1	BIORAD L1 26490	BIORAD L1 89701	K	3.59 mmol/L	-1SD	0	26-Jun-2023 09:58:03	3.910	0.180	3.37 - 4.45
2	BIORAD L1 26490	BIORAD L1 89701	SGPTD	26.5 U/L		41772	26-Jun-2023 10:00:48	25.400	2.700	17.3 - 33.5
3	BIORAD L1 26490	BIORAD L1 89701	SGOTD	35.7 U/L		41774	26-Jun-2023 10:01:06	37.100	3.750	25.85 - 48.35
4	BIORAD L1 26490	BIORAD L1 89701	ALPU	76 U/L	-1SD	41776	26-Jun-2023 10:01:24	99.000	12.000	63 - 135
5	BIORAD L1 26490	BIORAD L1 89701	GGT	66.4 U/L		41778	26-Jun-2023 10:01:42	66.300	6.600	46.5 - 86.1
6	BIORAD L2 26492	BIORAD L2 26492	GGT	135.2 U/L	-1SD	41779	26-Jun-2023 10:01:51	167.000	16.500	117.5 - 216.5
7	BIORAD L1 26490	BIORAD L1 89701	PHOS	3.84 mg/dL		41780	26-Jun-2023 10:02:00	3.870	0.280	3.03 - 4.71
8	BIORAD L1 26490	BIORAD L1 89701	BIDD	0.38 mg/dL		41782	26-Jun-2023 10:02:18	0.370	0.040	0.25 - 0.49
9	BIORAD L2 26492	BIORAD L2 26492	BIDD	1.04 mg/dL		41783	26-Jun-2023 10:02:27	1.310	0.660	-0.67 - 3.29
10	BIORAD L1 26490	BIORAD L1 89701	BIT	0.98 mg/dL		41784	26-Jun-2023 10:02:36	0.990	0.120	0.63 - 1.35
11	BIORAD L2 26492	BIORAD L2 26492	BIT	3.73 mg/dL	-1SD	41785	26-Jun-2023 10:02:45	4.770	0.600	2.97 - 6.57
12	BIORAD L1 26490	BIORAD L1 89701	UREA	31.9 mg/dL		41786	26-Jun-2023 10:02:54	33.800	2.550	26.15 - 41.45
13	BIORAD L1 26490	BIORAD L1 89701	CRENZ	1.61 mg/dL		41788	26-Jun-2023 10:03:12	1.660	0.160	1.18 - 2.14
14	BIORAD L2 26492	BIORAD L2 26492	CRENZ	4.39 mg/dL		41789	26-Jun-2023 10:03:21	4.800	0.450	3.45 - 6.15
15	BIORAD L1 26490	BIORAD L1 89701	GLU	82.4 mg/dL		41790	26-Jun-2023 10:03:30	85.000	6.450	65.65 - 104.35
16	BIORAD L2 26492	BIORAD L2 26492	GLU	258.3 mg/dL	-1SD	41791	26-Jun-2023 10:03:39	285.000	21.000	222 - 348
17	BIORAD L1 26490	BIORAD L1 89701	TRIG	126.4 mg/dL	-1SD	41792	26-Jun-2023 10:03:48	140.000	13.500	99.5 - 180.5

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Result Reprint

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Sr #	Lot #	Consumable	Test	Result Unit	Flag	Curve #	Result Date	Mean	SD	Interval (3SD)
18	BIORAD L1 26490	BIORAD L1 89701	CHOL	261 mg/dL		41794	26-Jun-2023 10:04:07	251.000	19.500	192.5 - 309.5
19	BIORAD L2 26492	BIORAD L2 26492	CHOL	89 mg/dL	-1SD	41795	26-Jun-2023 10:04:16	104.000	7.750	80.75 - 127.25
20	BIORAD L1 26490	BIORAD L1 89701	HDLC	81.7 mg/dL		41797	26-Jun-2023 10:04:34	83.100	8.320	58.14 - 108.06
21	BIORAD L1 26490	BIORAD L1 89701	UA	4.0 mg/dL		41799	26-Jun-2023 10:04:52	4.500	0.700	2.4 - 6.6
22	BIORAD L2 26492	BIORAD L2 26492	UA	8.7 mg/dL	-1SD	41800	26-Jun-2023 10:05:01	9.800	0.750	7.55 - 12.05
23	BIORAD L1 26490	BIORAD L1 89701	CA	9.8 mg/dL		41802	26-Jun-2023 10:05:19	9.210	0.690	7.14 - 11.28
24	BIORAD L2 26492	BIORAD L2 26492	CA	11.8 mg/dL	-1SD	41803	26-Jun-2023 10:05:28	13.400	0.900	10.7 - 16.1
25	BIORAD L1 26490	BIORAD L1 89701	ALBD	4.37 g/dL	+1SD	41804	26-Jun-2023 10:05:37	3.960	0.300	3.06 - 4.86
26	BIORAD L2 26492	BIORAD L2 26492	ALBD	2.69 g/dL		41805	26-Jun-2023 10:05:46	2.700	0.190	2.13 - 3.27
27	BIORAD L1 26490	BIORAD L1 89701	PRO	5.83 g/dL		41806	26-Jun-2023 10:05:55	5.510	0.490	4.04 - 6.98
28	85852	HBA1cD Level 2	HA1cD	10.2 %		41809	26-Jun-2023 10:06:22	9.895	2.420	2.635 - 17.155
29	BIORAD L1 26490	BIORAD L1 89701	FE	238.0 µg/dL		41810	26-Jun-2023 10:06:31	236.000	24.000	164 - 308
30	BIORAD L2 26492	BIORAD L2 26492	UIBC	96.3 µg/dL	F	41811	26-Jun-2023 10:06:40	95.000	12.000	59 - 131
31	BIORAD L2 26492	BIORAD L2 26492	Na	117.90 mmol/L		0	26-Jun-2023 10:42:01	123.000	6.250	104.25 - 141.75
32	BIORAD L2 26492	BIORAD L2 26492	K	5.33 mmol/L		0	26-Jun-2023 10:42:01	5.490	0.270	4.68 - 6.3
33	BIORAD L2 26492	BIORAD L2 26492	Cl	77.40 mmol/L		0	26-Jun-2023 10:42:01	81.000	4.570	67.29 - 94.71
34	BIORAD L2 26492	BIORAD L2 26492	SGPTD	82.5 U/L	-1SD	41816	26-Jun-2023 10:48:39	102.000	10.250	71.25 - 132.75

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Result Reprint

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35	BIORAD L2 26492	BIORAD L2 26492	ALPU	278 U/L	-1SD	41818	26-Jun-2023 10:48:57	369.000	48.000	225 - 513
36	BIORAD L2 26492	BIORAD L2 26492	PHOS	6.36 mg/dL	-1SD	41819	26-Jun-2023 10:49:06	7.200	0.600	5.4 - 9
37	BIORAD L1 26490	BIORAD L1 89701	Na	154.80 mmol/L		0	26-Jun-2023 11:21:10	154.000	7.000	133 - 175
38	BIORAD L1 26490	BIORAD L1 89701	K	3.67 mmol/L	-1SD	0	26-Jun-2023 11:21:10	3.910	0.180	3.37 - 4.45
39	BIORAD L1 26490	BIORAD L1 89701	Cl	102.50 mmol/L		0	26-Jun-2023 11:21:10	101.000	5.500	84.5 - 117.5
40	BIORAD L2 26492	BIORAD L2 26492	SGOTD	175.2 U/L	-1SD	41834	26-Jun-2023 11:26:17	199.000	19.500	140.5 - 257.5
41	BIORAD L2 26492	BIORAD L2 26492	UREA	93.7 mg/dL	-1SD	41841	26-Jun-2023 11:27:20	103.000	7.500	80.5 - 125.5
42	BIORAD L2 26492	BIORAD L2 26492	TRIG	81.3 mg/dL		41848	26-Jun-2023 11:28:23	75.000	7.320	53.04 - 96.96
43	BIORAD L2 26492	BIORAD L2 26492	HDLC	25.1 mg/dL		41849	26-Jun-2023 11:28:32	26.900	2.000	20.9 - 32.9
44	BIORAD L2 26492	BIORAD L2 26492	PRO	3.90 g/dL	-1SD	41856	26-Jun-2023 11:29:35	4.300	0.300	3.4 - 5.2
45	85851	HBA1cD Level 1	HA1cD	5.0 %		41857	26-Jun-2023 11:29:44	5.154	0.180	4.614 - 5.694

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