

**Date: 13/05/2022**

## Certificate of Calibration

**Customer Name: Redcliffe Lifetech Pvt. Ltd. Meerut**

**Model: Fully Automated Bio Chemistry Analyser Erba XL-640**

**Serial No.: 640390**

**Calibration done date 13/05/2022**

**Next Calibration due Date: On or Before 13/05/2023**

**Lab In charge: Dr. Renu Kamboj**

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

*Checked Lamp Voltage found in range (Expected 12.0 plus/minus 0.5V)  
Checked gain of Photo meter for all wave lengths (Range 50 to 220) .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 11Degree)  
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 1.0 bar)*

*Checked Abs of cuvette blanks with respect to all filters found in range 0.02 to  
0.2 Abs.*

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

Calibration at site performed by Mr Sharad Srivastava



(Sharad Srivastava)  
Area Service Manager,  
Meerut

# Result Reprint

Report Type : Controls 12-Sep-2022

Consumable: RANDOX L2

Sl#	Lot #	Consumable	Test	Result Unit	Flag	Curve #	Result Date	Mean	SD	Interval (3SD)
1	1543UN	RANDOX L2	Na	139.10 mmol/L		0	12-Sep-2022 09:23:08	140.000	3.500	129.5 - 150.5
2	1543UN	RANDOX L2	K	3.76 mmol/L		0	12-Sep-2022 09:23:08	3.960	0.320	3 - 4.92
3	1543UN	RANDOX L2	Cl	91.70 mmol/L	-1SD	0	12-Sep-2022 09:23:08	95.600	3.800	84.2 - 107
4	1543UN	RANDOX L2	SGPTD	36.4 U/L	-1SD	120171	12-Sep-2022 09:25:35	42.000	4.500	28.5 - 55.5
5	1543UN	RANDOX L2	SGOTD	35.5 U/L		120173	12-Sep-2022 09:25:53	34.000	3.500	23.5 - 44.5
6	1543UN	RANDOX L2	ALPU	193 U/L	F,-1SD	120175	12-Sep-2022 09:26:11	209.300	14.500	165.8 - 252.8
7	1543UN	RANDOX L2	GGT	48.5 U/L		120177	12-Sep-2022 09:26:29	50.000	4.000	38 - 62
8	1543UN	RANDOX L2	BIDD	1.02 mg/dL	-1SD	120181	12-Sep-2022 09:27:05	1.260	0.130	0.87 - 1.65
9	1543UN	RANDOX L2	BIT	1.50 mg/dL		120183	12-Sep-2022 09:27:23	1.520	0.600	-0.28 - 3.32
10	1543UN	RANDOX L2	UREA	44.8 mg/dL		120185	12-Sep-2022 09:27:41	43.300	3.250	33.55 - 53.05
11	1543UN	RANDOX L2	CRENZ	1.52 mg/dL		120187	12-Sep-2022 09:27:59	1.450	0.150	1 - 1.9
12	1543UN	RANDOX L2	GLU	113.6 mg/dL		120189	12-Sep-2022 09:28:17	116.415	8.250	91.665 - 141.165
13	1543UN	RANDOX L2	TRIG	95.9 mg/dL		120191	12-Sep-2022 09:28:35	92.000	7.550	69.35 - 114.65
14	1543UN	RANDOX L2	CHOL	144 mg/dL	-1SD	120193	12-Sep-2022 09:28:53	156.000	10.000	126 - 186
15	1543UN	RANDOX L2	HDLC	40.1 mg/dL		120196	12-Sep-2022 09:29:20	40.500	4.250	27.75 - 53.25
16	1543UN	RANDOX L2	UA	6.5 mg/dL	+1SD	120198	12-Sep-2022 09:29:38	6.085	0.290	5.215 - 6.985
17	1543UN	RANDOX L2	CA	8.9 mg/dL		120200	12-Sep-2022 09:29:56	8.617	0.440	7.297 - 9.937

Print Date 12-Sep-2022

*Printed 12/9/22*

# Result Reprint

Report Type : Controls 12-Sep-2022

Consumable: RANDOX L2

Sr #	Lot #	Consumable	Test	Result Unit	Flag	Curve #	Result Date	Mean	SD	Interval (3SD)
18	1543UN	RANDOX L2	ALBD	3.87 g/dL		120202	12-Sep-2022 09:30:14	4.030	0.300	3.13 - 4.93
19	1543UN	RANDOX L2	PRO	5.45 g/dL		120204	12-Sep-2022 09:30:32	5.730	0.570	4.02 - 7.44
20	1543UN	RANDOX L2	PHOS	4.03 mg/dL		120233	12-Sep-2022 10:54:37	4.060	0.310	3.13 - 4.99

*Amik*  
*2/9/22*

# Result Reprint

Controls 12-Sep-2022

Consumable: RANDOX L3

Consumable	Test	Result Unit	Flag	Curve #	Result Date	Mean	SD	Interval (3SD)
RANDOX L3	Na	150.30 mmol/L	-1SD	0	12-Sep-2022 09:23:55	154.000	3.500	143.5 - 164.5
RANDOX L3	K	5.67 mmol/L	-1SD	0	12-Sep-2022 09:23:55	5.950	0.240	5.23 - 6.67
RANDOX L3	Cl	107.60 mmol/L		0	12-Sep-2022 09:23:55	111.000	4.500	97.5 - 124.5
RANDOX L3	SGPTD	118.7 U/L		120172	12-Sep-2022 09:25:44	127.000	20.500	65.5 - 188.5
RANDOX L3	SGOTD	130.7 U/L		120174	12-Sep-2022 09:26:02	136.000	17.500	83.5 - 188.5
RANDOX L3	ALPU	373 U/L	F-1SD	120176	12-Sep-2022 09:26:20	405.523	29.000	318.523 - 492.523
RANDOX L3	GGT	188.8 U/L	+1SD	120178	12-Sep-2022 09:26:38	174.000	13.000	135 - 213
RANDOX L3	BIDD	2.35 mg/dL	+1SD	120182	12-Sep-2022 09:27:14	1.970	0.210	1.34 - 2.6
RANDOX L3	BIT	5.29 mg/dL		120184	12-Sep-2022 09:27:32	5.180	0.550	3.53 - 6.83
RANDOX L3	UREA	115.8 mg/dL		120186	12-Sep-2022 09:27:50	116.000	9.000	91 - 145
RANDOX L3	CRENZ	4.64 mg/dL		120188	12-Sep-2022 09:28:08	4.240	0.430	2.95 - 5.53
RANDOX L3	GLU	289.1 mg/dL		120190	12-Sep-2022 09:28:26	289.296	21.000	226.296 - 352.296
RANDOX L3	TRIG	248.4 mg/dL		120192	12-Sep-2022 09:28:44	267.000	21.000	204 - 330
RANDOX L3	CHOL	204 mg/dL		120194	12-Sep-2022 09:29:02	221.000	18.500	165.5 - 276.5
RANDOX L3	HDLC	74.4 mg/dL		120197	12-Sep-2022 09:29:29	75.500	7.850	51.95 - 99.05
RANDOX L3	UA	10.3 mg/dL	+1SD	120199	12-Sep-2022 09:29:47	9.370	0.610	7.54 - 11.2
RANDOX L3	CA	13.0 mg/dL		120201	12-Sep-2022 09:30:05	12.700	0.650	10.75 - 14.65

12-Sep-2022

Amid  
12/19/22

# Result Reprint

Report Type : Controls      12-Sep-2022      Consumable: RANDOX L3

Sl #	Lot #	Consumable	Test	Result Unit	Flag	Curve #	Result Date	Mean	SD	Interval (3SD)
18	1211UE	RANDOX L3	ALBD	3.13 g/dL		120203	12-Sep-2022 09:30:23	3.050	0.230	2.36 - 3.74
19	1211UE	RANDOX L3	PRO	4.96 g/dL		120205	12-Sep-2022 09:30:41	4.590	0.460	3.21 - 5.97
20	1211UE	RANDOX L3	PHOS	7.21 mg/dL		120234	12-Sep-2022 10:54:46	7.220	0.540	5.6 - 8.84

*Amil*  
*12/9/22*

# Result Reprint

Report Type : Controls 12-Sep-2022

Consumable: HBAIC LOW LEVEL

Sr #	Lot #	Consumable	Test	Result Unit	Flag	Curve #	Result Date	Mean	SD	Interval (3SD)
1	85851	HBAIC LOW LEVEL	HA1CD	5.4 %		120206	12-Sep-2022 09:30:51	5.045	2.420	-2.215 - 12.305

*Revised  
12/19/22*

# Result Reprint

Report Type : Controls 12-Sep-2022

Consumable: HBA1C HIGH

Sr #	Lot #	Consumable	Test	Result Unit	Flag	Curve #	Result Date	Mean	SD	Interval (3SD)
1	858552	HBA1C HIGH	HAIcD	9.9 %		120207	12-Sep-2022 09:30:59	9.895	2.420	2.635 - 17.155

*Revised  
10/15/22*