



Date : 26th Feb 2022

**National Ayurveda Research Institute for Panchakarma
Cheruthuruthy
Thrissur, Kerala
Pin-679531**

Dear Sir/ Madam ,

As desired by you please find herewith the Calibration report

1. Year of manufacturing : 2020 Sr No. 640278
2. Range of the instrument : Optical density Linear form 0-3.5 A
3. Precision & Accuracy study on XL 640
4. Date of calibration : 25th Feb 2022

Precision with Potassium Dichromate ($K_2Cr_2O_7$)

Reagent / Sample ratio -

Cup Position	Replicates	Absorbance (X)	SD	CV
Cup 1	20	1.5438 OD	0.0054	0.40%
Cup 2	20	1.5438 OD	0.0052	0.42 %
Cup 3	20	1.5449 OD	0.0047	0.38%

Accuracy study with Potassium Dichromate ($K_2Cr_2O_7$) in comparison with XL-640

Wavelengths scan on Referral Spectrophotometer for Potassium Dichromate ($K_2Cr_2O_7$)

Wavelength	Spectrophotometer OD	
	Low	High
335	0.1874	1.7437
336	0.1902	1.7803
337	0.1936	1.8217
338	0.1976	1.8629
339	0.2021	1.9055
340	0.2009	1.9479
341	0.2115	1.9875
342	0.2163	2.0226
343	0.2212	2.0588
344	0.2255	2.0845
345	0.2290	2.1089





Test of Potassium Dichromate ($K_2Cr_2O_7$) on XL-640

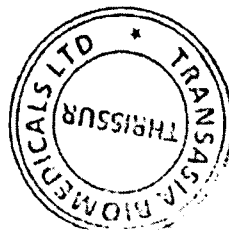
Pipetted / Measured by Em200		Manually Pipettes Em200		Manually pipetted & read in Autospan	
Low	High	Low	High	Low	High
0.2005	1.8670	0.1975	1.8710	0.2025	1.7630

This instrument is manufactured in accordance with the European law in force, in particular to "Electricity Safety" EN 610101 and "Electromagnetic Compatibility" EN 61326 Standards.

Pressure	Ideal	Actual
	0.9 bar	0.89 bar
Lamp Voltage	11.7V	11.68V
Temperature	37 ^o C	37 ^o C

Photometer Calibration Check	Ok
Cuvette Blank Check	Ok

Wavelength	Off Set	Gain
340	255	128
376	255	130
415	255	140
450	255	128
480	255	142
505	255	156
546	255	150
570	255	149
600	255	152
660	255	156
700	255	146
750	255	177



Transasia Bio-Medicals Ltd., Transasia House, 8 Chandivali Studio Road, Andheri (East), Mumbai - 400 072
Tel. +91 22 4030 9000 Fax: +91 22 2857 3030 Email : transasia@transasia.co.in CIN : U33110MH1985PLC036198

TRANSASIA®



The Calibrator used: Multical
Lot No: 180101C
Expiry Date: November2023

The Control used : Bio-Rad (lev1,level2)
Lot No :28441,28442
Expiry date :2023November

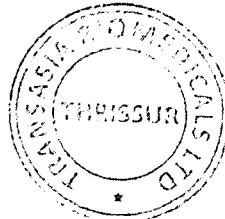
The instrument does photometer check before each batch of tests is run. It will give an error message if the photometer test fails and it will not run any samples.

Thanking you and assuring of our prompt attention at all times.

Yours faithfully,
For **TRANSASIA BIO-MEDICALS LTD.**



REGIONAL SERVICE MANAGER



Calibration - XL-640

Test : GLU

Revision : <A-640-GLU-1 20.08.2013>

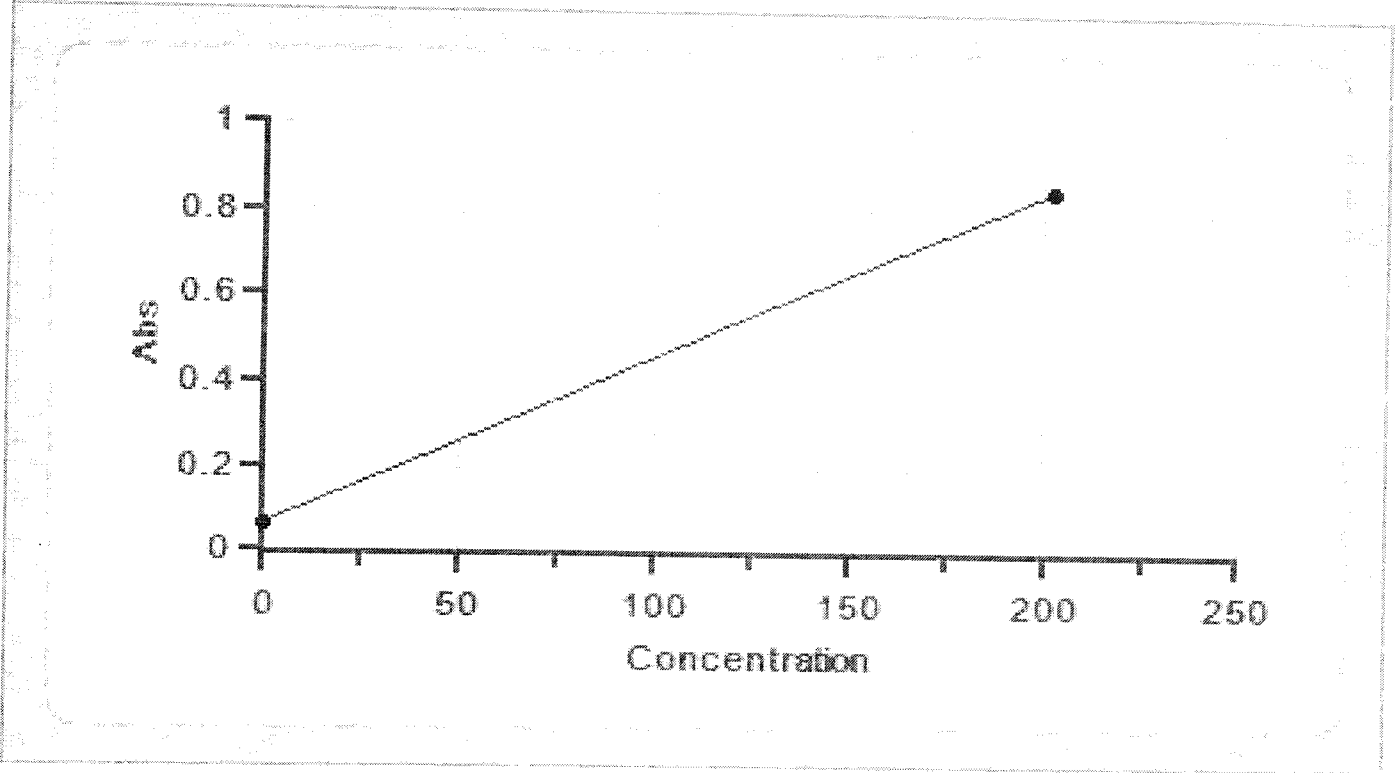
Curve Type : Linear

R1 Lot No : 908

Calibration Date : 22-Jun-2021 11:20:01

R2 Lot No : ---

Last Calibration Date : 22-Jun-2021 11:20:01



Pos	Consumable	LotNo.	Conc	Abs	Factor
-	NS	12345	0.000	0.0661	0.0000
-	MULTICAL 2110192	2005093B	202.000	0.8533	256.6057

Calibration - XL-640

Test : CHOL

Revision :. <A-640-CHOL-1 20.08.2013>

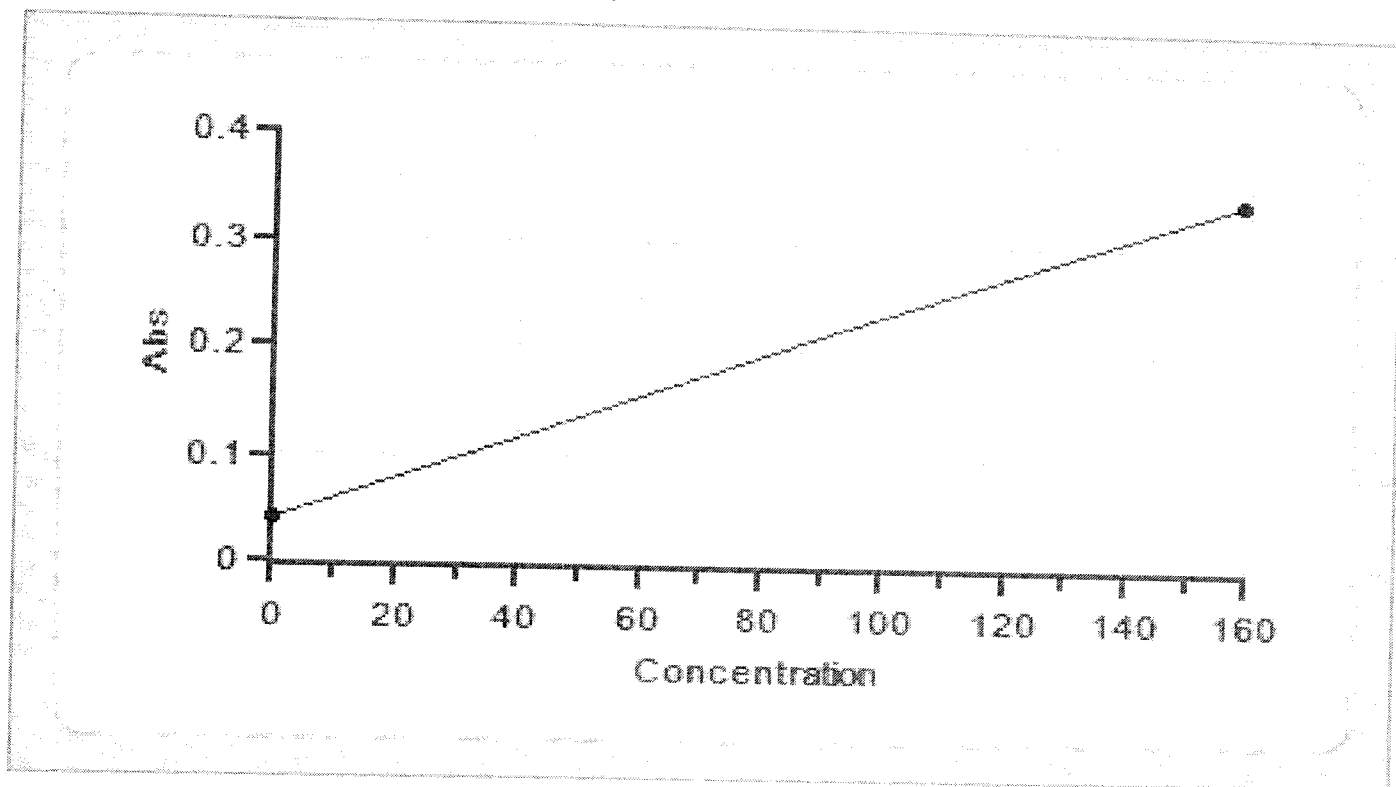
Curve Type : Linear

R1 Lot No : ---

Calibration Date : 17-Jan-2022 11:40:15

R2 Lot No : ---

Last Calibration Date : 17-Jan-2022 11:40:15



Pos	Consumable	LotNo.	Conc	Abs	Factor
-	NS	12345	0.000	0.0419	0.0000
-	MULTICAL 2110192	2005093B1	159.000	0.3471	520.8845

Calibration - XL-640

Test : HDLC

Revision : <A-640-HDLC-1 20.08.2013>

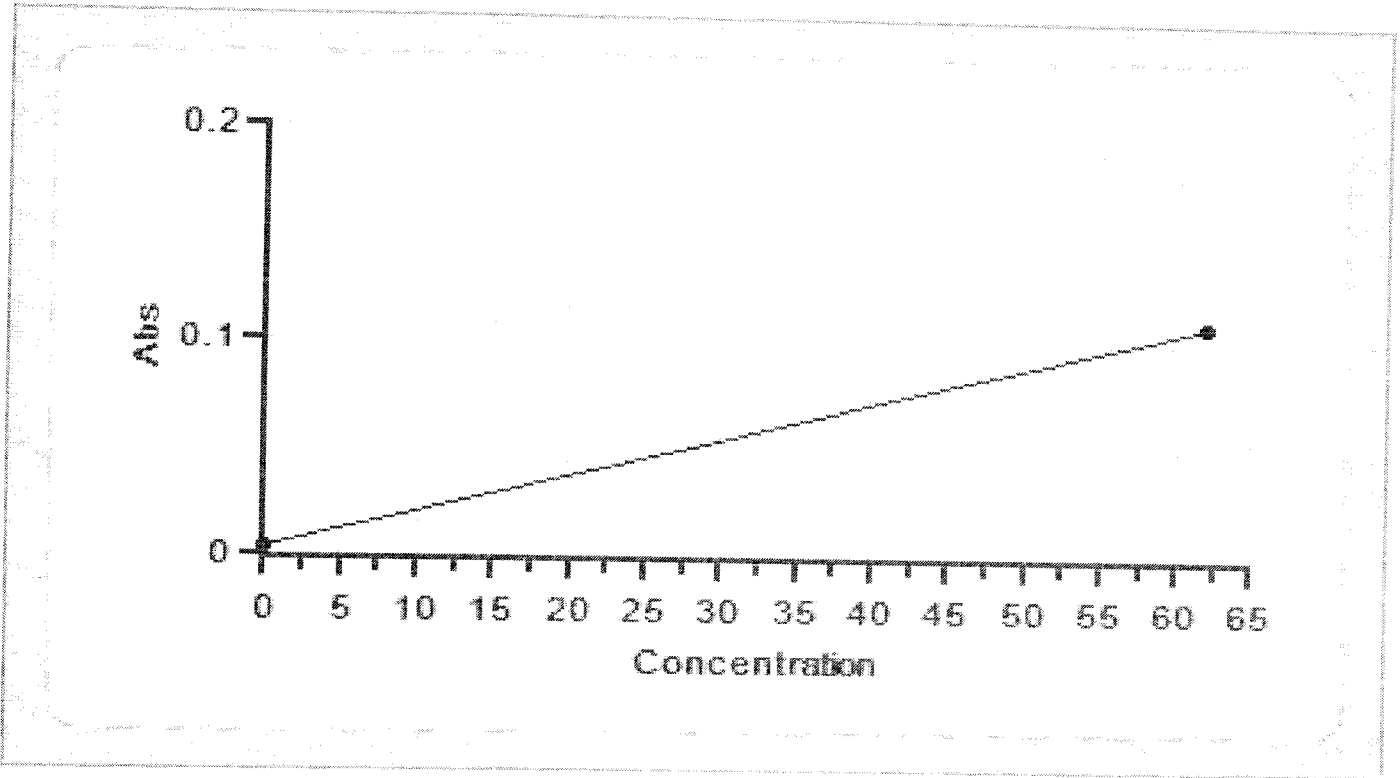
Curve Type : Linear

R1 Lot No : ---

Calibration Date : 07-Aug-2020 16:16:11

R2 Lot No : ---

Last Calibration Date : 07-Aug-2020 16:16:11



Pos	Consumable	LotNo.	Conc	Abs	Factor
-	NS	12345	0.000	0.0044	0.0000
-	HDL CAL	S111928	62.000	0.1094	590.7575

Calibration - XL-640

Test : TRIG

Curve Type : Linear

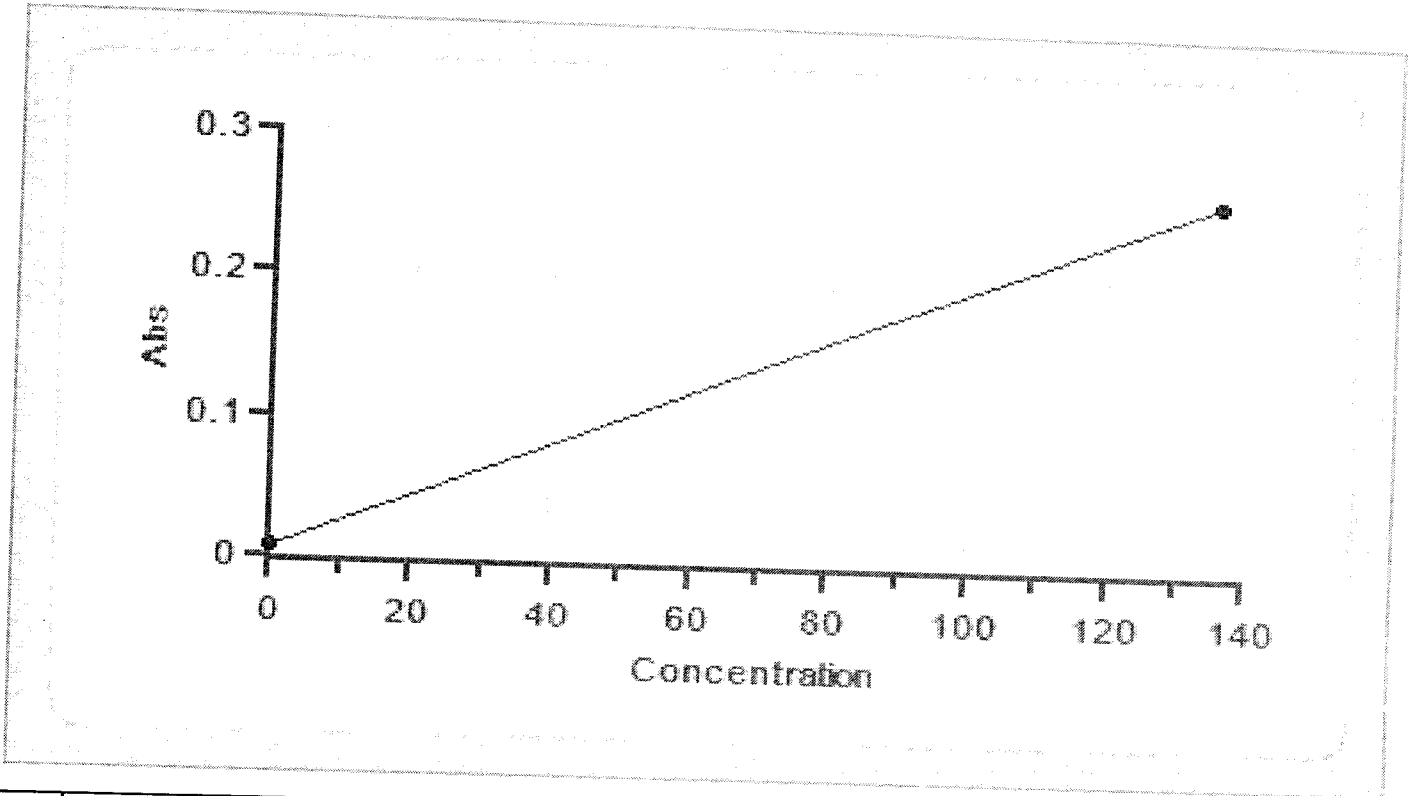
Calibration Date : 09-Nov-2021 12:08:45

Last Calibration Date : 09-Nov-2021 12:08:45

Revision : <A-640-TRIG-1 20.08.2013>

R1 Lot No : ---

R2 Lot No : ---



Pos	Consumable	LotNo.	Conc	Abs	Factor
-	NS	12345	0.000	0.0075	0.0000
-	MULTICAL 2110192	2005093B	136.000	0.2626	533.1243

Calibration - XL-640

Test : PRO

Revision : <A-640-PRO-2 26.09.2013>

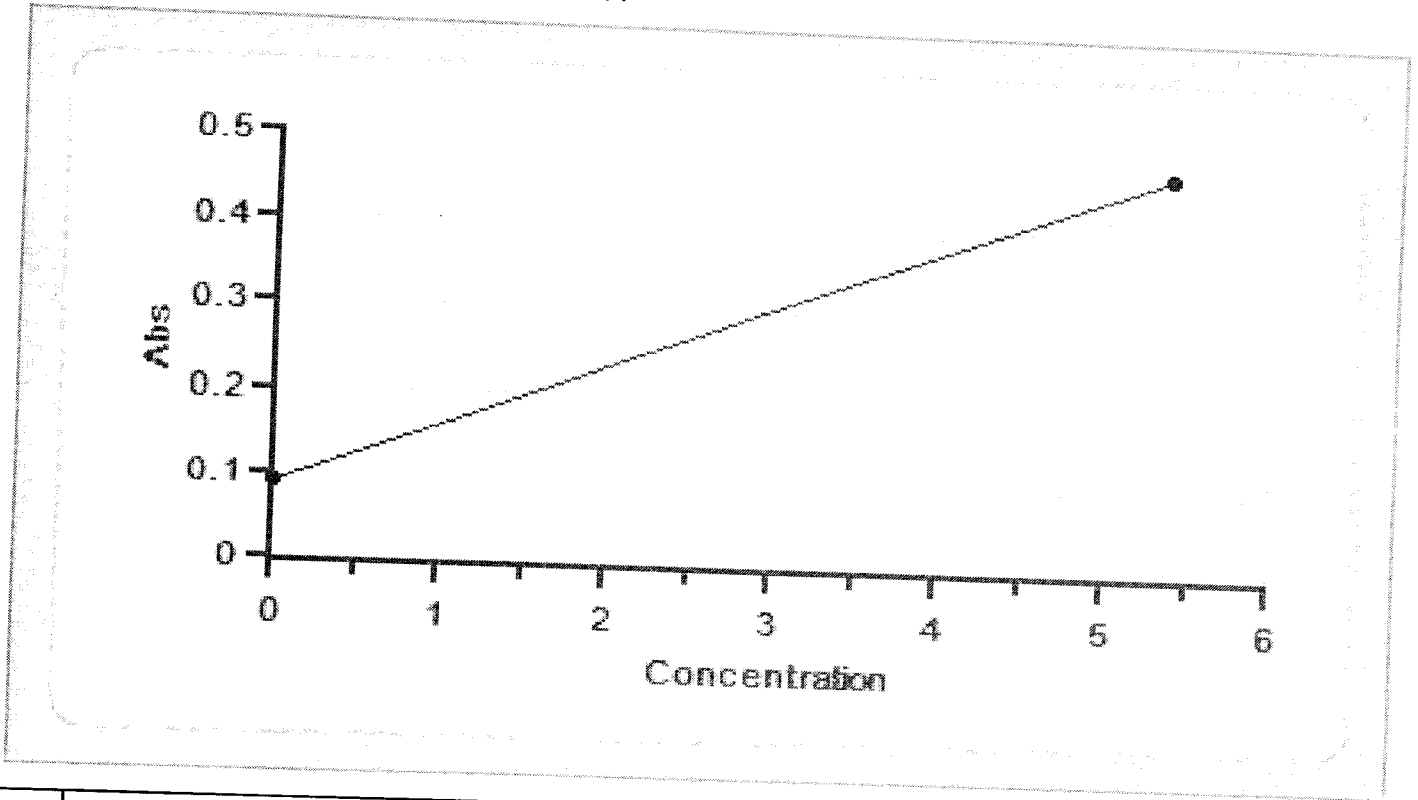
Curve Type : Linear

R1 Lot No : ---

Calibration Date : 26-Feb-2020 13:16:11

R2 Lot No : ---

Last Calibration Date : 26-Feb-2020 13:16:11



Pos	Consumable	LotNo.	Conc	Abs	Factor
-	NS	12345	0.000	0.0907	0.0000
-	MULTICAL	1811002C	5.370	0.4710	14.1223

Calibration - XL-640

Test : ALB

Revision : <A-640-ALB-2 01.03.2016>

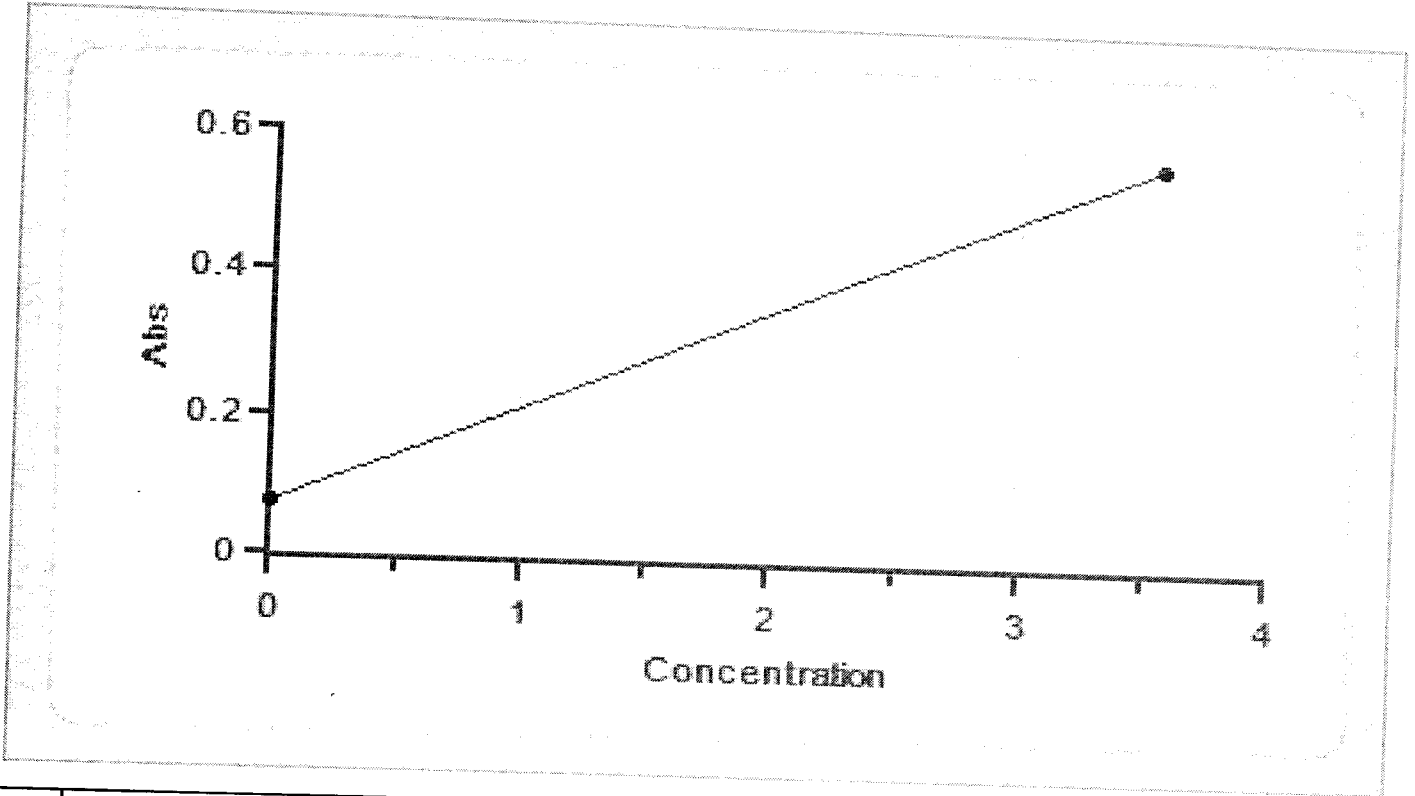
Curve Type : Linear

R1 Lot No : ---

Calibration Date : 26-Feb-2020 13:15:17

R2 Lot No : ---

Last Calibration Date : 26-Feb-2020 13:15:17



Pos	Consumable	LotNo.	Conc	Abs	Factor
-	NS	12345	0.000	0.0750	0.0000
-	MULTICAL	1811002C	3.550	0.5694	7.1804

Calibration - XL-640

Test : UREA

Curve Type : Linear

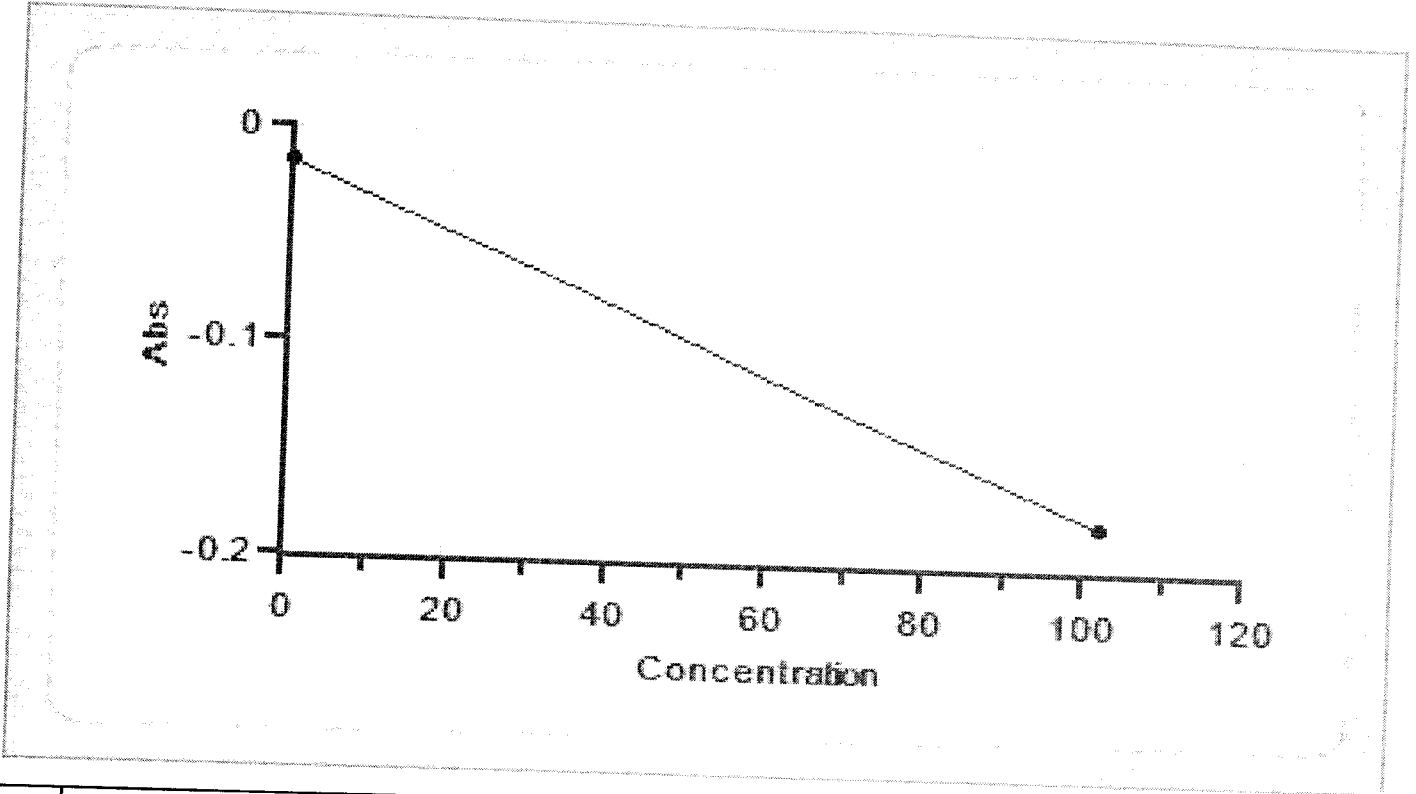
Calibration Date : 15-Mar-2022 10:28:39

Last Calibration Date : 15-Mar-2022 10:28:39

Revision : <A-640-UREA-2 01.03.2016>

R1 Lot No : ---

R2 Lot No : ---



Pos	Consumable	LotNo.	Conc	Delta Abs/Min	Factor
S1	NS	12345	0.000	-0.0160	0.0000
S2	MULTICAL 2110192	2005093B1	102.000	-0.1788	-626.7281

Calibration - XL-640

Test : CRENZ

Revision : <A-640-CRENZ-1 01.08.2014>

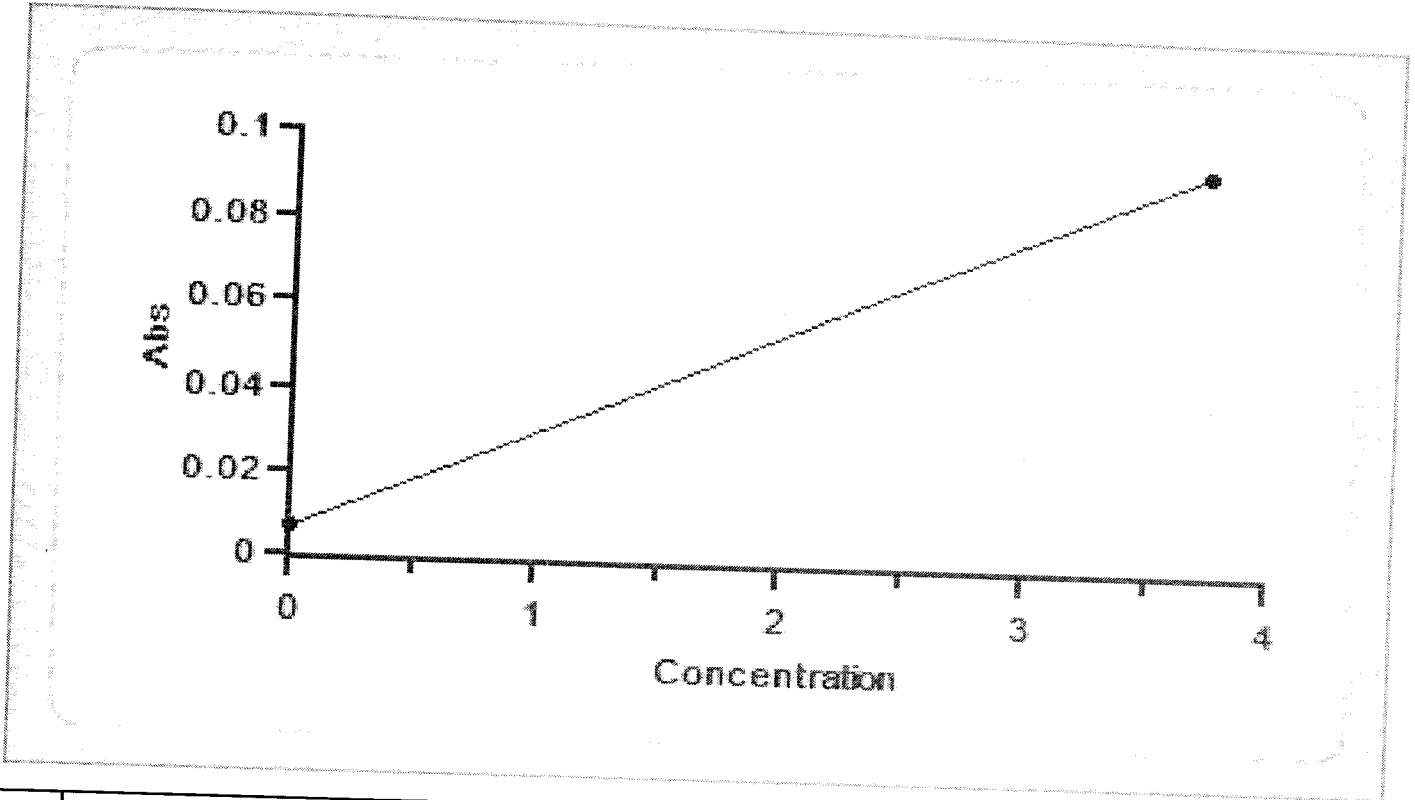
Curve Type : Linear

R1 Lot No : ---

Calibration Date : 30-Jan-2021 12:19:54

R2 Lot No : ---

Last Calibration Date : 30-Jan-2021 12:19:54



Pos	Consumable	LotNo.	Conc	Abs	Factor
-	NS	12345	0.000	0.0067	0.0000
-	MULTI CAL	1907088C	3.740	0.0953	42.2122

Calibration - XL-640

Test : UA

Curve Type : Linear

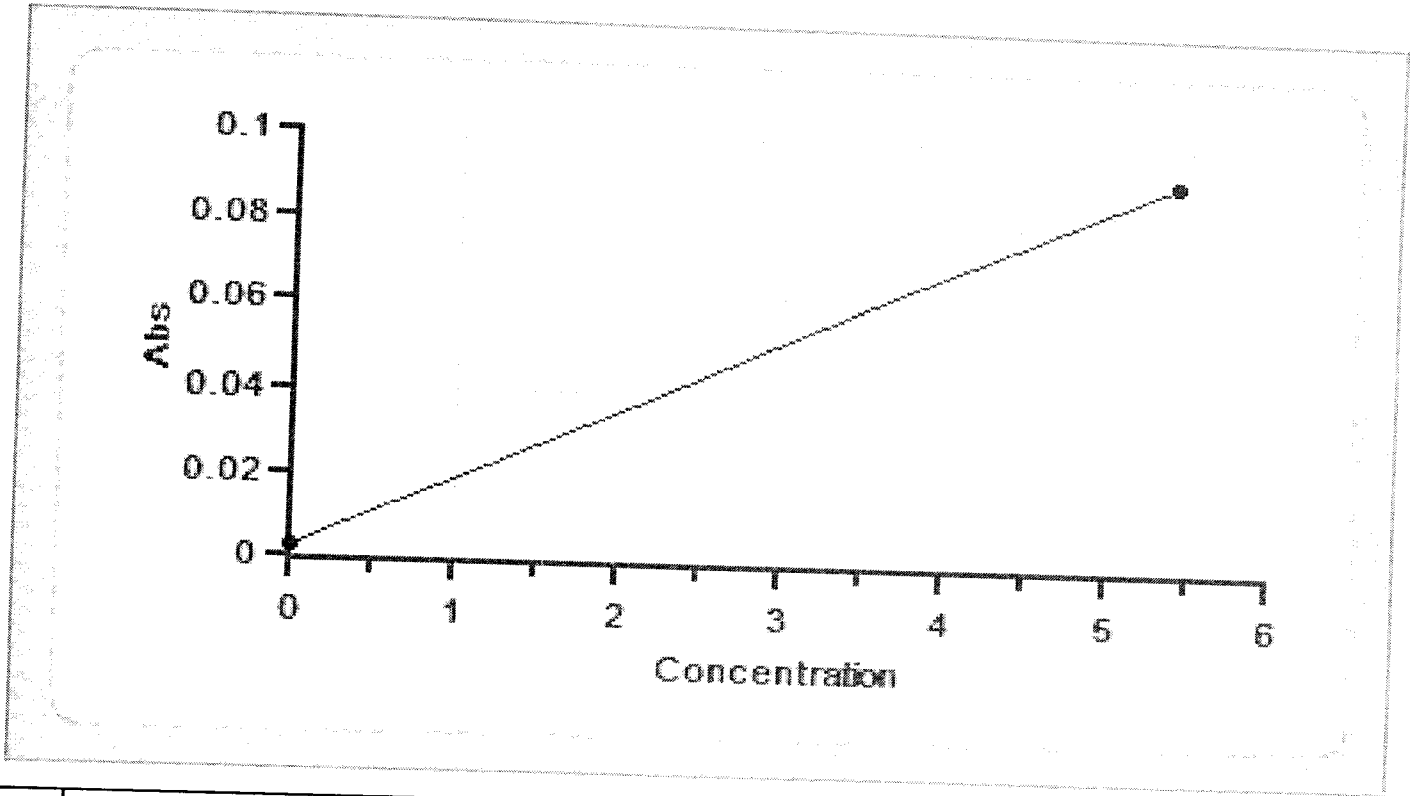
Calibration Date : 17-Dec-2021 15:50:05

Last Calibration Date : 17-Dec-2021 15:50:05

Revision : <A-640-UA-1 01.06.2015>

R1 Lot No : ---

R2 Lot No : ---



Pos	Consumable	LotNo.	Conc	Abs	Factor
-	NS	12345	0.000	0.0029	0.0000
-	MULTICAL 2110192	2005093B	5.390	0.0913	61.0074

Calibration - XL-640

Test : UAC

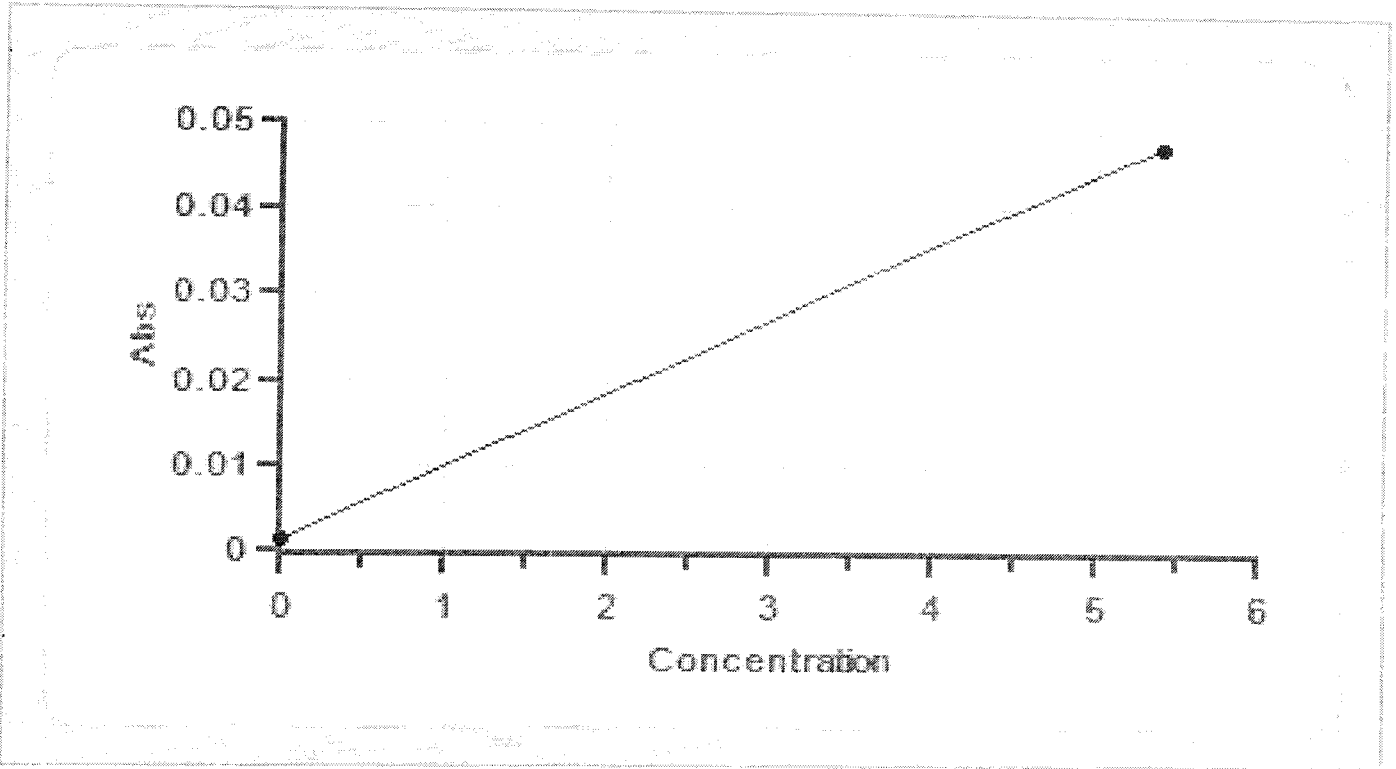
Curve Type : Linear

R1 Lot No : 082106

Calibration Date : 28-Jan-2022 12:33:46

R2 Lot No : 082106

Last Calibration Date : 28-Jan-2022 12:33:46



Pos	Consumable	LotNo.	Conc	Abs	Factor
-	NS	12345	0.000	0.0014	0.0000
-	MULTICAL 2110192	2005093B1	5.390	0.0476	116.9197

Calibration - XL-640

Test : BIT

Curve Type : Linear

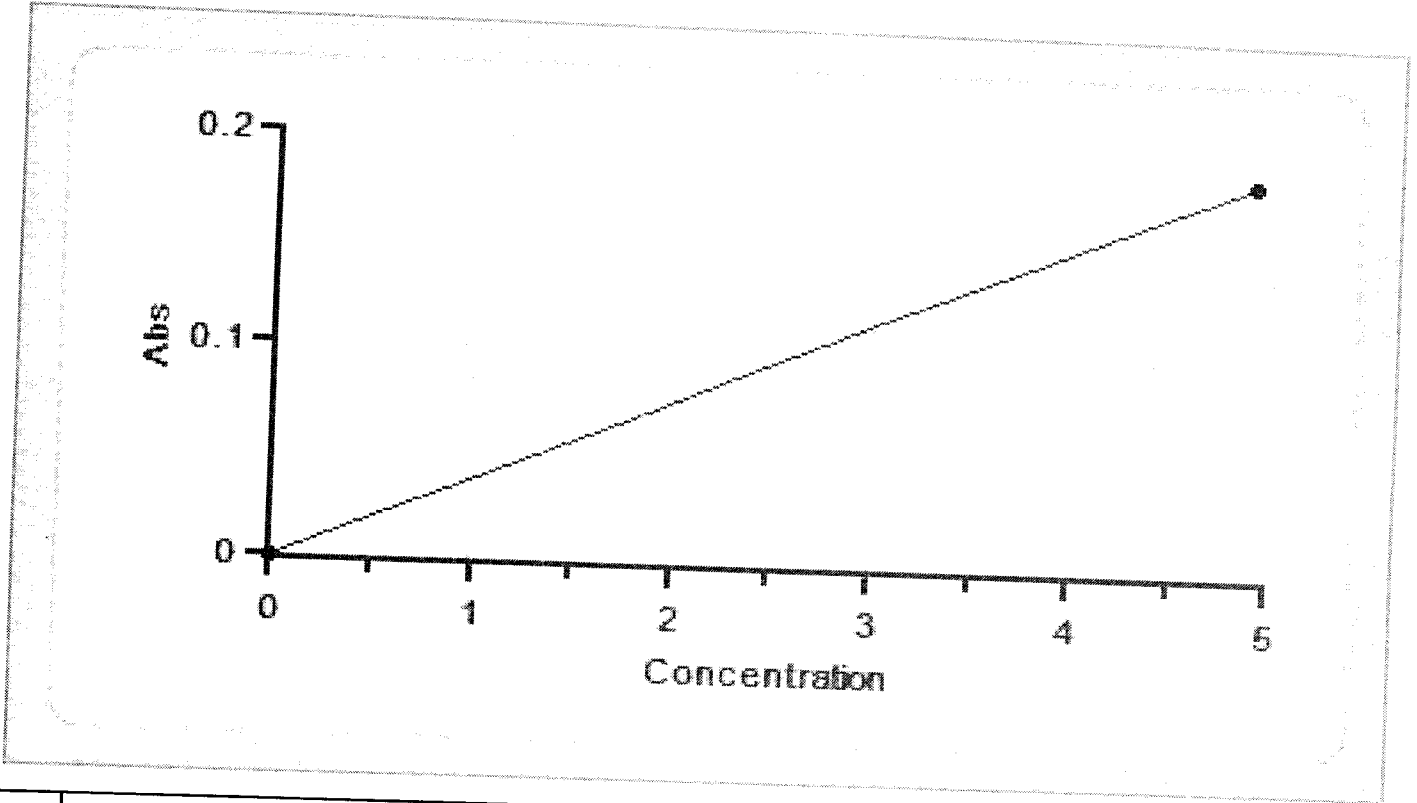
Calibration Date : 08-Apr-2021 12:40:01

Last Calibration Date : 08-Apr-2021 12:40:01

Revision : <A-640-BIT-2 26.09.2013>

R1 Lot No : ---

R2 Lot No : ---



Pos	Consumable	LotNo.	Conc	Abs	Factor
-	NS	12345	0.000	0.0000	0.0000
-	MULTICAL 2110192	2005093B	4.910	0.1879	26.1240

Calibration - XL-640

Test : GOTHL

Revision : <A-640-GOTHL-4 01.03.2016>

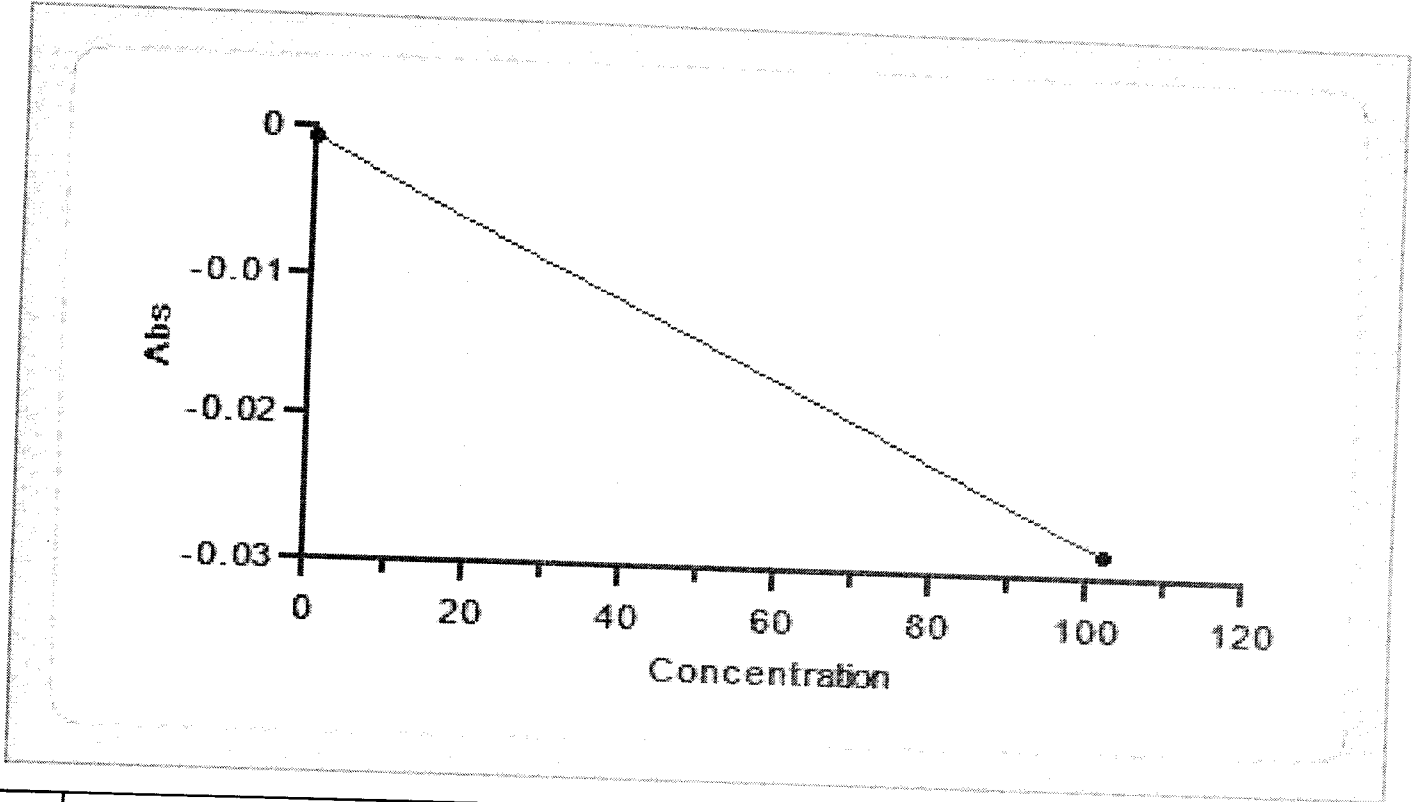
Curve Type : Linear

R1 Lot No : ---

Calibration Date : 09-Mar-2022 11:45:26

R2 Lot No : ---

Last Calibration Date : 09-Mar-2022 11:45:26



Pos	Consumable	LotNo.	Conc	Delta Abs/Min	Factor
-	NS	12345	0.000	-0.0006	0.0000
-	MULTICAL 2110192	2005093B1	102.000	-0.0285	-3,655.9141

Calibration - XL-640

Test : GPTHL

Curve Type : Linear

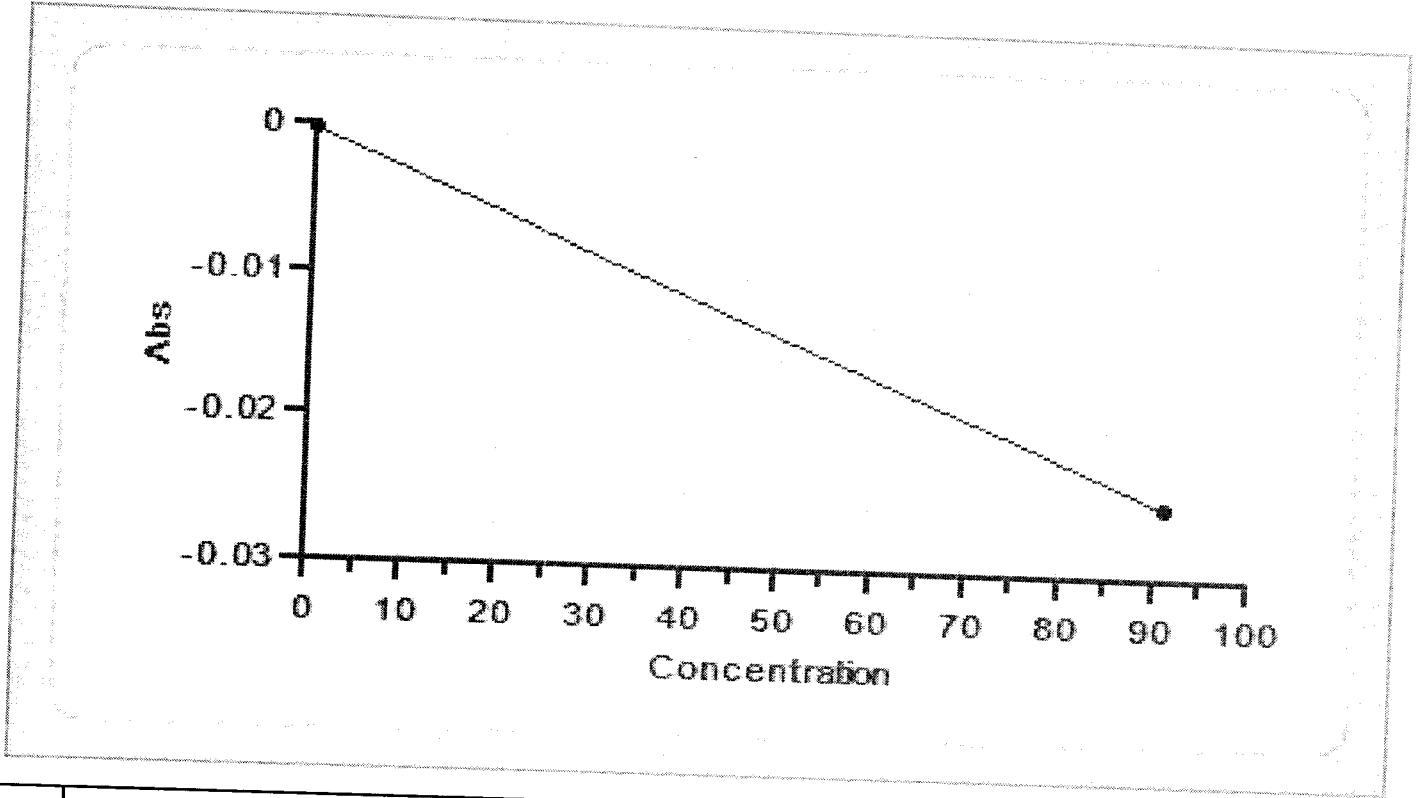
Calibration Date : 09-Mar-2022 11:44:50

Last Calibration Date : 09-Mar-2022 11:44:50

Revision : <A-640-GPTHL-3 01.03.2016>

R1 Lot No : ---

R2 Lot No : ---



Pos	Consumable	LotNo.	Conc	Delta Abs/Min	Factor
-	NS	12345	0.000	-0.0003	0.0000
-	MULTICAL 2110192	2005093B1	91.300	-0.0252	-3,659.3188

Calibration - XL-640

Test : ALP

Revision : <A-640-ALP-2 01.03.2016>

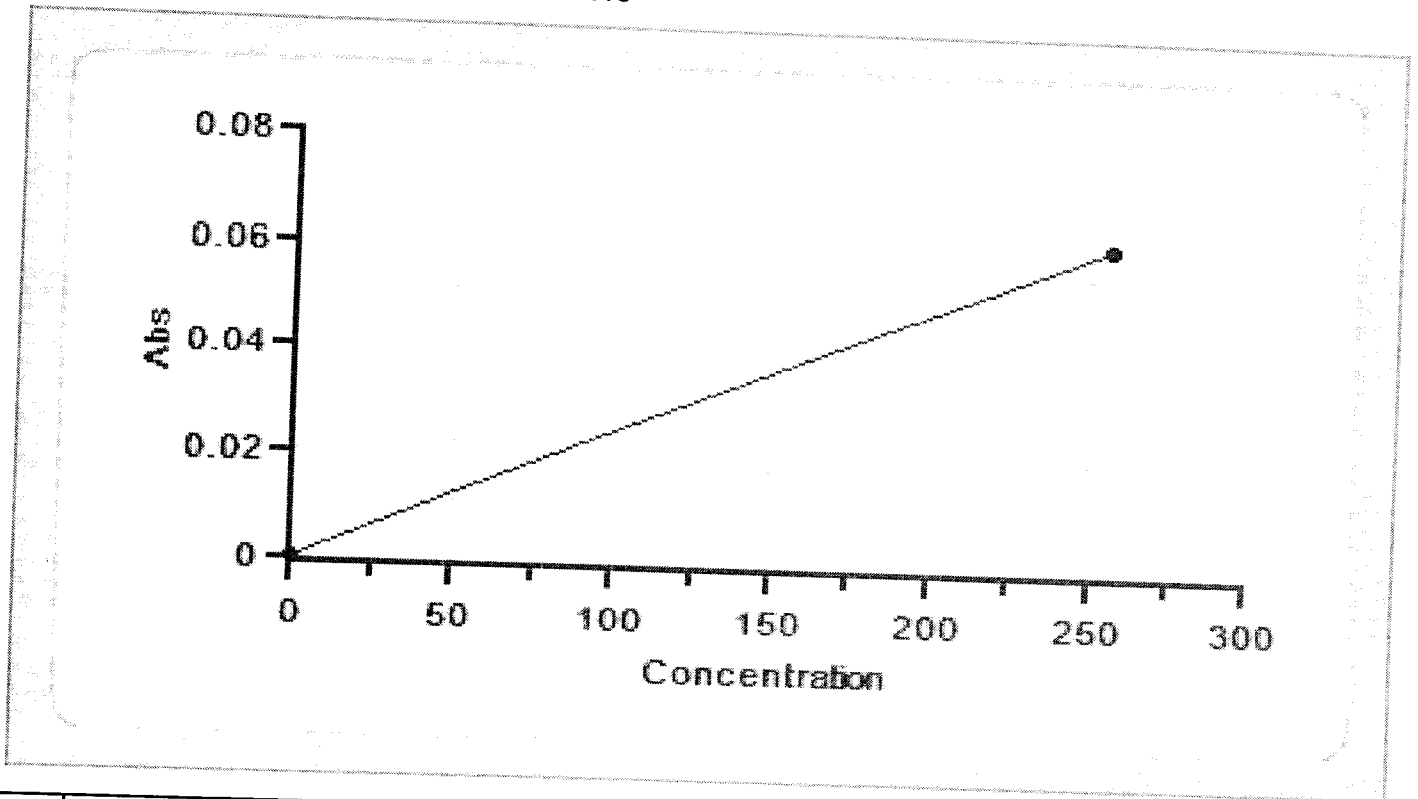
Curve Type : Linear

R1 Lot No : ---

Calibration Date : 09-Nov-2021 12:07:15

R2 Lot No : ---

Last Calibration Date : 09-Nov-2021 12:07:15

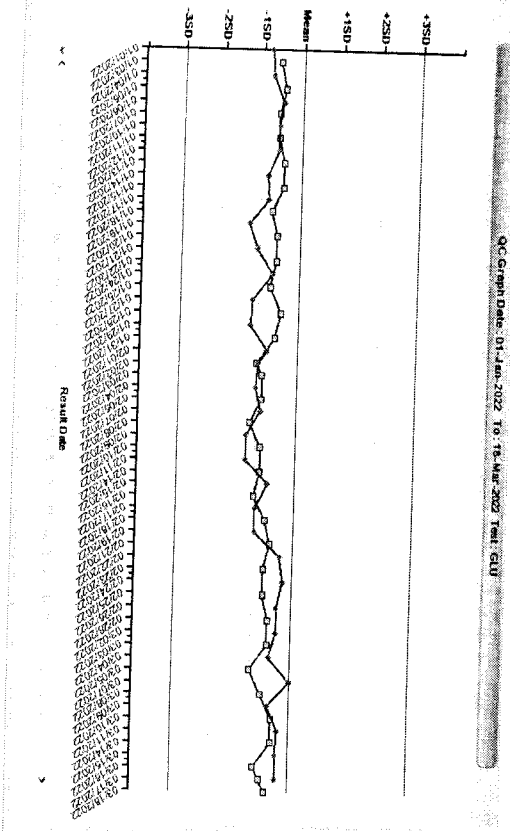


Pos	Consumable	LotNo.	Conc	Delta Abs/Min	Factor
-	NS	12345	0.000	0.0007	0.0000
-	MULTICAL 2110192	2005093B	256.000	0.0621	4,169.3809

QC Graph - XL-640

Test : GLU
 Control : BIORAD L1 26481 / BIORAD L2 26482
 Level : Low / High
 Lot No. : 26481 / 26480
 Batch No. : ---

Date From : 01-Jan-2022
 Date To : 18-Mar-2022



QC Graph - XL-640

BIORAD L1 26481 Low 26481

Sr #	Date	Result	Mean	SD	Deviation	Dev%	Error %	Batch	QC Remarks
1	03 Jan 2022	88.00	91.700	6.90		-4.00	-4.36	1	
2	05 Jan 2022	89.00	91.700	6.90		-3.00	-3.27	1	
3	07 Jan 2022	88.00	91.700	6.90		-4.00	-4.36	1	
4	11 Jan 2022	88.00	91.700	6.90		-4.00	-4.36	1	
5	13 Jan 2022	89.00	91.700	6.90		-3.00	-3.27	1	
6	15 Jan 2022	89.00	91.700	6.90		-3.00	-3.27	1	
7	18 Jan 2022	87.00	91.700	6.90		-5.00	-5.45	1	
8	20 Jan 2022	88.00	91.700	6.90		-4.00	-4.36	1	
9	22 Jan 2022	88.00	91.700	6.90		-4.00	-4.36	1	
10	25 Jan 2022	87.00	91.700	6.90		-5.00	-5.45	1	
11	28 Jan 2022	89.00	91.700	6.90		-3.00	-3.27	1	
12	31 Jan 2022	88.00	91.700	6.90		-4.00	-4.36	1	
13	02 Feb 2022	85.00	91.700	6.90	-1SD	-7.00	-7.63	1	
14	03 Feb 2022	86.00	91.700	6.90		-6.00	-6.54	1	
15	05 Feb 2022	86.00	91.700	6.90		-6.00	-6.54	1	
16	08 Feb 2022	84.00	91.700	6.90	-1SD	-8.00	-8.72	1	
17	10 Feb 2022	86.00	91.700	6.90		-6.00	-6.54	1	
18	14 Feb 2022	86.00	91.700	6.90		-6.00	-6.54	2	
19	16 Feb 2022	85.00	91.700	6.90	-1SD	-7.00	-7.63	1	
20	18 Feb 2022	87.00	91.700	6.90		-5.00	-5.45	1	
21	21 Feb 2022	88.00	91.700	6.90		-4.00	-4.36	1	
22	23 Feb 2022	87.00	91.700	6.90		-5.00	-5.45	1	
23	25 Feb 2022	87.00	91.700	6.90		-5.00	-5.45	1	
24	28 Feb 2022	88.00	91.700	6.90		-4.00	-4.36	1	
25	03 Mar 2022	88.00	91.700	6.90		-4.00	-4.36	1	
26	05 Mar 2022	85.00	91.700	6.90	-1SD	-7.00	-7.63	1	
27	08 Mar 2022	87.00	91.700	6.90		-5.00	-5.45	1	
28	10 Mar 2022	89.00	91.700	6.90		-3.00	-3.27	1	
29	14 Mar 2022	89.00	91.700	6.90		-3.00	-3.27	1	

QC Graph - XL-640

30	16 Mar 2022	86.00	91.700	6.90	-6.00	-6.54	1
31	17 Mar 2022	87.00	91.700	6.90	-5.00	-5.45	1
32	18 Mar 2022	88.00	91.700	6.90	-4.00	-4.36	1

QC Graph - XL-640

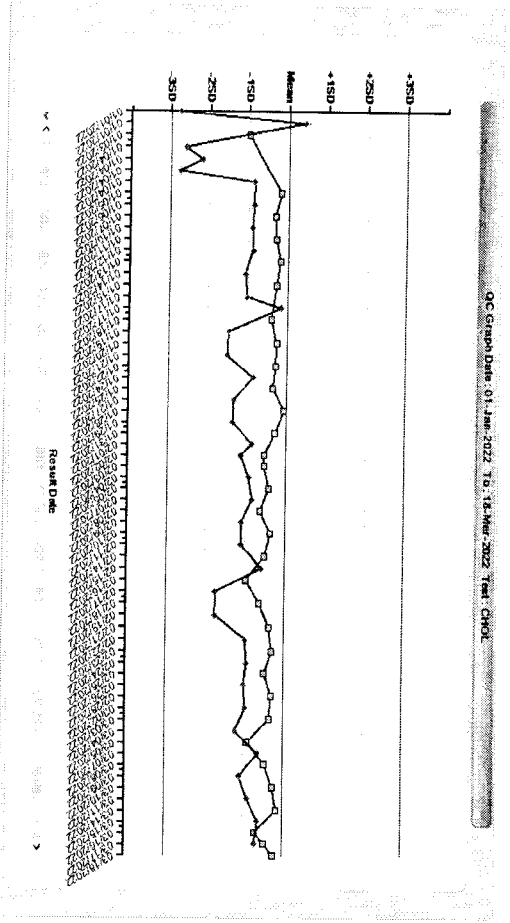
BIORAD L2 26482 High 26480										
Sr #	Date	Result	Mean	SD	Deviation	Dev %	Error %	Batch	QC Remarks	
1	01 Jan 2022	281.00	299.000	22.50		-18.00	-6.02	1		
2	04 Jan 2022	282.00	299.000	22.50		-17.00	-5.69	1		
3	06 Jan 2022	288.00	299.000	22.50		-11.00	-3.68	1		
4	10 Jan 2022	286.00	299.000	22.50		-13.00	-4.35	1		
5	12 Jan 2022	286.00	299.000	22.50		-13.00	-4.35	1		
6	14 Jan 2022	280.00	299.000	22.50		-19.00	-6.35	1		
7	17 Jan 2022	281.00	299.000	22.50		-18.00	-6.02	1		
8	19 Jan 2022	270.00	299.000	22.50	-1SD	-29.00	-9.70	1		
9	21 Jan 2022	275.00	299.000	22.50	-1SD	-24.00	-8.03	1		
10	24 Jan 2022	284.00	299.000	22.50		-15.00	-5.02	1		
11	27 Jan 2022	273.00	299.000	22.50	-1SD	-26.00	-8.70	1		
12	29 Jan 2022	272.00	299.000	22.50	-1SD	-27.00	-9.03	1		
13	01 Feb 2022	282.00	299.000	22.50		-17.00	-5.69	1		
14	02 Feb 2022	277.00	299.000	22.50		-22.00	-7.36	2		
15	04 Feb 2022	276.00	299.000	22.50	-1SD	-23.00	-7.69	1		
16	07 Feb 2022	279.00	299.000	22.50		-20.00	-6.69	1		
17	09 Feb 2022	271.00	299.000	22.50	-1SD	-28.00	-9.36	1		
18	11 Feb 2022	271.00	299.000	22.50	-1SD	-28.00	-9.36	1		
19	15 Feb 2022	284.00	299.000	22.50		-15.00	-5.02	1		
20	17 Feb 2022	277.00	299.000	22.50		-22.00	-7.36	1		
21	19 Feb 2022	277.00	299.000	22.50		-22.00	-7.36	1		
22	22 Feb 2022	292.00	299.000	22.50		-7.00	-2.34	1		
23	24 Feb 2022	294.00	299.000	22.50		-5.00	-1.67	1		
24	26 Feb 2022	291.00	299.000	22.50		-8.00	-2.68	1		
25	02 Mar 2022	291.00	299.000	22.50		-8.00	-2.68	1		
26	04 Mar 2022	287.00	299.000	22.50		-12.00	-4.01	1		
27	07 Mar 2022	299.00	299.000	22.50		0.00	0.00	1		
28	09 Mar 2022	287.00	299.000	22.50		-12.00	-4.01	1		
29	11 Mar 2022	293.00	299.000	22.50		-6.00	-2.01	1		
30	15 Mar 2022	292.00	299.000	22.50		-7.00	-2.34	1		
31	17 Mar 2022	292.00	299.000	22.50		-7.00	-2.34	1		

QC Graph - XL-640

Test : CHOL
 Control : BIORAD L1 26481 / BIORAD L2 26482
 Level : Low / High
 Lot No. : 26481 / 26480
 Batch No. : ---

QC Graph - XL-640

Date From : 01-Jan-2022
 Date To : 18-Mar-2022



Sr #	Date	Result	Mean	SD	Deviation	Dev%	Error %	Batch	QC Remarks
1	03 Jan 2022	251.20	272.000	21.00		-20.80	-7.65	1	
2	05 Jan 2022	268.50	272.000	21.00		-3.50	-1.29	1	
3	07 Jan 2022	265.20	272.000	21.00		-6.80	-2.50	1	
4	11 Jan 2022	265.90	272.000	21.00		-6.10	-2.24	1	
5	13 Jan 2022	268.10	272.000	21.00		-3.90	-1.43	1	
6	15 Jan 2022	266.40	272.000	21.00		-5.60	-2.06	1	
7	18 Jan 2022	263.80	272.000	21.00		-8.20	-3.01	1	
8	20 Jan 2022	266.60	272.000	21.00		-5.40	-1.99	1	
9	22 Jan 2022	266.20	272.000	21.00		-5.80	-2.13	1	
10	25 Jan 2022	265.10	272.000	21.00		-6.90	-2.54	1	
11	28 Jan 2022	270.90	272.000	21.00		-1.10	-0.40	1	
12	31 Jan 2022	266.50	272.000	21.00		-5.50	-2.02	1	
13	02 Feb 2022	260.80	272.000	21.00		-11.20	-4.12	1	
14	03 Feb 2022	260.80	272.000	21.00		-11.20	-4.12	1	
15	05 Feb 2022	263.40	272.000	21.00		-8.60	-3.16	1	
16	08 Feb 2022	268.90	272.000	21.00		-13.10	-4.82	1	
17	10 Feb 2022	264.50	272.000	21.00		-7.50	-2.76	1	
18	14 Feb 2022	261.60	272.000	21.00		-10.40	-3.82	1	
19	16 Feb 2022	251.50	272.000	21.00		-20.50	-7.54	1	
20	18 Feb 2022	259.00	272.000	21.00		-13.00	-4.78	1	
21	21 Feb 2022	264.20	272.000	21.00		-7.80	-2.87	1	
22	23 Feb 2022	265.90	272.000	21.00		-6.10	-2.24	1	
23	25 Feb 2022	262.10	272.000	21.00		-9.90	-3.64	1	
24	28 Feb 2022	266.00	272.000	21.00		-6.00	-2.21	1	
25	03 Mar 2022	264.70	272.000	21.00		-7.30	-2.68	1	
26	05 Mar 2022	253.00	272.000	21.00		-19.00	-6.99	1	
27	08 Mar 2022	262.60	272.000	21.00		-9.40	-3.46	1	
28	10 Mar 2022	266.80	272.000	21.00		-5.20	-1.91	1	
29	14 Mar 2022	268.80	272.000	21.00		-3.20	-1.18	1	

QC Graph - XL-640

30	16 Mar 2022	257.50	272.000	21.00	-14.50	-5.33	1
31	17 Mar 2022	262.40	272.000	21.00	-9.60	-3.53	1
32	18 Mar 2022	267.40	272.000	21.00	-4.60	-1.69	1

QC Graph - XL-640

BIORAD L2 26482 High 26480

Str #	Date	Result	Mean	SD	Deviation	Dev %	Error %	Batch	QC Remarks
1	01 Jan 2022	81.90	103.000	7.65	-2SD	-21.10	-20.49	1	
2	01 Jan 2022	106.10	103.000	7.65		3.10	3.01	2	
3	04 Jan 2022	82.90	103.000	7.65	-2SD	-20.10	-19.51	1	
4	04 Jan 2022	86.30	103.000	7.65	-2SD	-16.70	-16.21	2	
5	04 Jan 2022	81.90	103.000	7.65	-2SD	-21.10	-20.49	3	
6	04 Jan 2022	96.50	103.000	7.65		-6.50	-6.31	5	
7	06 Jan 2022	96.40	103.000	7.65		-6.60	-6.41	1	
8	10 Jan 2022	96.10	103.000	7.65		-6.90	-6.70	1	
9	12 Jan 2022	96.20	103.000	7.65		-6.80	-6.60	1	
10	14 Jan 2022	94.80	103.000	7.65	-1SD	-8.20	-7.96	1	
11	17 Jan 2022	95.20	103.000	7.65	-1SD	-7.80	-7.57	1	
12	17 Jan 2022	101.80	103.000	7.65		-1.20	-1.17	2	
13	19 Jan 2022	91.70	103.000	7.65	-1SD	-11.30	-10.97	1	
14	21 Jan 2022	91.40	103.000	7.65	-1SD	-11.60	-11.26	1	
15	24 Jan 2022	96.60	103.000	7.65		-6.40	-6.21	1	
16	27 Jan 2022	92.80	103.000	7.65	-1SD	-10.20	-9.90	1	
17	29 Jan 2022	92.70	103.000	7.65	-1SD	-10.30	-10.00	1	
18	01 Feb 2022	96.50	103.000	7.65		-6.50	-6.31	1	
19	02 Feb 2022	94.30	103.000	7.65	-1SD	-8.70	-8.45	2	
20	04 Feb 2022	95.90	103.000	7.65		-7.10	-6.89	1	
21	07 Feb 2022	96.60	103.000	7.65		-6.40	-6.21	1	
22	09 Feb 2022	94.50	103.000	7.65	-1SD	-8.50	-8.25	1	
23	11 Feb 2022	94.50	103.000	7.65	-1SD	-8.50	-8.25	1	
24	15 Feb 2022	98.60	103.000	7.65		-4.40	-4.27	1	
25	17 Feb 2022	89.70	103.000	7.65	-1SD	-13.30	-12.91	1	
26	19 Feb 2022	89.60	103.000	7.65	-1SD	-13.40	-13.01	1	
27	22 Feb 2022	95.60	103.000	7.65		-7.40	-7.18	1	
28	24 Feb 2022	95.90	103.000	7.65		-7.10	-6.89	1	
29	26 Feb 2022	95.40	103.000	7.65		-7.60	-7.38	1	
30	02 Mar 2022	95.70	103.000	7.65		-7.30	-7.09	1	
31	04 Mar 2022	93.70	103.000	7.65	-1SD	-9.30	-9.03	1	
32	07 Mar 2022	98.30	103.000	7.65		-4.70	-4.56	1	
33	09 Mar 2022	94.60	103.000	7.65	-1SD	-8.40	-8.16	1	

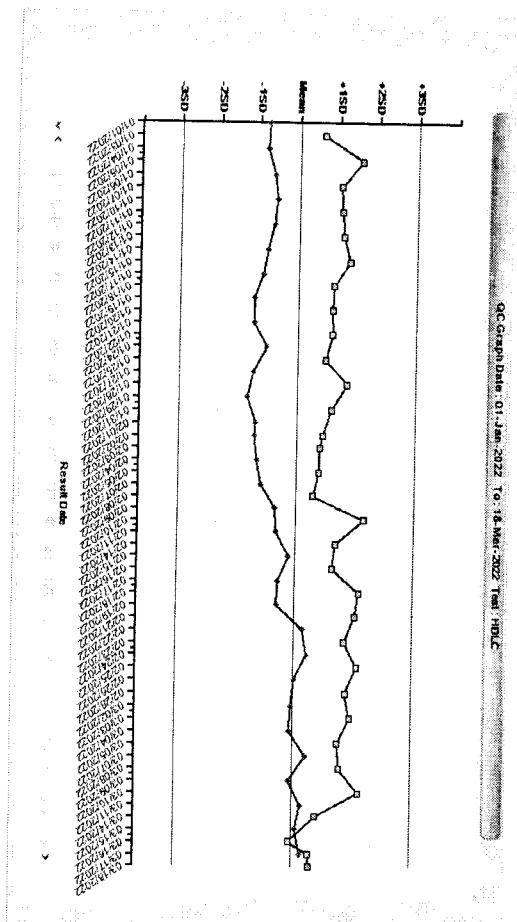
QC Graph - XL-640

34	11 Mar 2022	96.20	103.000	7.65	-6.80	-6.60	1
35	15 Mar 2022	98.30	103.000	7.65	-4.70	-4.56	1
36	17 Mar 2022	97.70	103.000	7.65	-5.30	-5.15	1

QC Graph - XL-640

Test : HDLC
 Control : BIORAD L1 26481 / BIORAD L2 26482
 Level : Low / High
 Lot No. : 26481 / 26480
 Batch No. : ----

Date From : 01-Jan-2022
 Date To : 18-Mar-2022



QC Graph - XL-640

BIORAD L1 26481 Low 26481

Sr#	Date	Result	Mean	SD	Deviation	Dev%	Error %	Batch	QC Remarks
1	03 Jan 2022	62.70	59.100	5.85		3.60	6.09	1	
2	05 Jan 2022	68.40	59.100	5.85	+1SD	9.30	15.74	1	
3	07 Jan 2022	65.30	59.100	5.85	+1SD	6.20	10.49	1	
4	11 Jan 2022	65.50	59.100	5.85	+1SD	6.40	10.83	1	
5	13 Jan 2022	65.80	59.100	5.85	+1SD	6.70	11.34	1	
6	15 Jan 2022	66.70	59.100	5.85	+1SD	7.60	12.86	1	
7	18 Jan 2022	64.40	59.100	5.85		5.30	8.97	1	
8	20 Jan 2022	64.20	59.100	5.85		5.10	8.63	1	
9	22 Jan 2022	64.30	59.100	5.85		5.20	8.80	1	
10	25 Jan 2022	63.30	59.100	5.85		4.20	7.11	1	
11	28 Jan 2022	66.50	59.100	5.85	+1SD	7.40	12.52	1	
12	31 Jan 2022	64.20	59.100	5.85		5.10	8.63	1	
13	02 Feb 2022	63.00	59.100	5.85		3.90	6.60	1	
14	03 Feb 2022	62.80	59.100	5.85		3.50	5.92	1	
15	05 Feb 2022	62.50	59.100	5.85		3.40	5.75	1	
16	08 Feb 2022	61.70	59.100	5.85		2.60	4.40	1	
17	10 Feb 2022	69.20	59.100	5.85	+1SD	10.10	17.09	1	
18	14 Feb 2022	65.10	59.100	5.85	+1SD	6.00	10.15	2	
19	16 Feb 2022	64.60	59.100	5.85		5.50	9.31	1	
20	18 Feb 2022	68.60	59.100	5.85	+1SD	9.50	16.07	1	
21	21 Feb 2022	68.10	59.100	5.85	+1SD	9.00	15.23	1	
22	23 Feb 2022	66.60	59.100	5.85	+1SD	7.50	12.69	1	
23	25 Feb 2022	68.50	59.100	5.85	+1SD	9.40	15.91	1	
24	28 Feb 2022	66.80	59.100	5.85	+1SD	7.70	13.03	1	
25	03 Mar 2022	67.50	59.100	5.85	+1SD	8.40	14.21	1	
26	05 Mar 2022	65.80	59.100	5.85	+1SD	6.70	11.34	1	
27	08 Mar 2022	66.00	59.100	5.85	+1SD	6.90	11.68	1	
28	10 Mar 2022	68.90	59.100	5.85	+1SD	9.80	16.58	1	
29	14 Mar 2022	62.60	59.100	5.85		3.50	5.92	1	

QC Graph - XL-640

30	16 Mar 2022	58.70	59.100	5.85	-0.40	-0.68	1	
31	17 Mar 2022	61.60	59.100	5.85	2.50	4.23	1	
32	18 Mar 2022	61.80	59.100	5.85	2.70	4.57	1	

QC Graph - XL-640

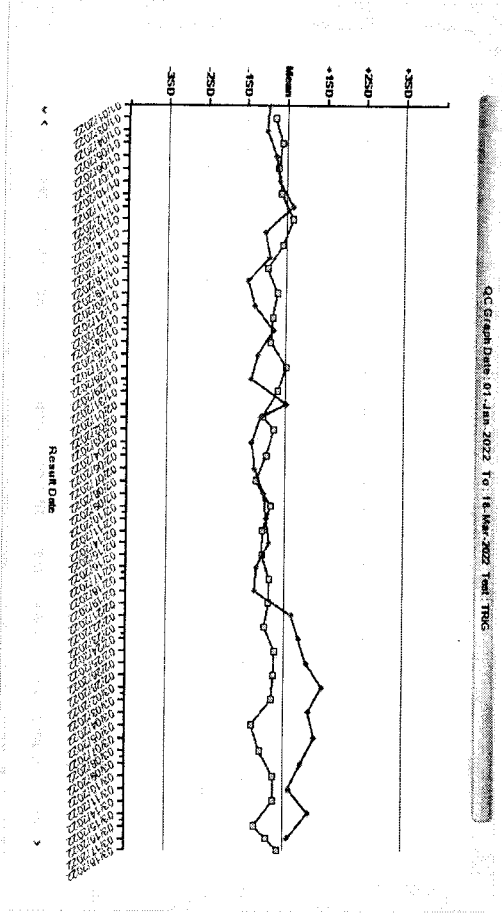
SI #	Date	Result	Mean	SD	Deviation	Dev%	Error %	Batch	QC Remarks
1	01 Jan 2022	24.90	27.000	2.70		-2.10	-7.78	1	
2	04 Jan 2022	24.80	27.000	2.70		-2.20	-8.15	1	
3	06 Jan 2022	25.30	27.000	2.70		-1.70	-6.30	1	
4	10 Jan 2022	25.50	27.000	2.70		-1.50	-5.56	1	
5	12 Jan 2022	25.30	27.000	2.70		-1.70	-6.30	1	
6	14 Jan 2022	24.90	27.000	2.70		-2.10	-7.78	1	
7	17 Jan 2022	24.60	27.000	2.70		-2.40	-8.89	1	
8	19 Jan 2022	24.00	27.000	2.70	-1SD	-3.00	-11.11	1	
9	21 Jan 2022	24.00	27.000	2.70	-1SD	-3.00	-11.11	1	
10	24 Jan 2022	24.90	27.000	2.70		-2.10	-7.78	1	
11	27 Jan 2022	24.00	27.000	2.70	-1SD	-3.00	-11.11	1	
12	29 Jan 2022	23.60	27.000	2.70	-1SD	-3.40	-12.59	1	
13	01 Feb 2022	24.20	27.000	2.70	-1SD	-2.80	-10.37	1	
14	02 Feb 2022	24.10	27.000	2.70	-1SD	-2.90	-10.74	2	
15	04 Feb 2022	24.30	27.000	2.70		-2.70	-10.00	1	
16	07 Feb 2022	24.60	27.000	2.70		-2.40	-8.89	1	
17	09 Feb 2022	25.60	27.000	2.70		-1.40	-5.19	1	
18	11 Feb 2022	25.70	27.000	2.70		-1.30	-4.81	1	
19	15 Feb 2022	26.60	27.000	2.70		-0.40	-1.48	1	
20	17 Feb 2022	25.90	27.000	2.70		-1.10	-4.07	1	
21	19 Feb 2022	25.80	27.000	2.70		-1.20	-4.44	1	
22	22 Feb 2022	27.60	27.000	2.70		0.60	2.22	1	
23	24 Feb 2022	27.90	27.000	2.70		0.90	3.33	1	
24	26 Feb 2022	27.10	27.000	2.70		0.10	0.37	1	
25	02 Mar 2022	26.90	27.000	2.70		-0.10	-0.37	1	
26	04 Mar 2022	26.80	27.000	2.70		-0.20	-0.74	1	
27	07 Mar 2022	27.90	27.000	2.70		0.90	3.33	1	
28	09 Mar 2022	26.80	27.000	2.70		-0.20	-0.74	1	
29	11 Mar 2022	27.60	27.000	2.70		0.60	2.22	1	
30	15 Mar 2022	27.30	27.000	2.70		0.30	1.11	1	
31	17 Mar 2022	27.60	27.000	2.70		0.60	2.22	1	

QC Graph - XL-640

QC Graph - XL-640

Test : TRIG
 Control : BIORAD L1 26481 / BIORAD L2 26482
 Level : Low / High
 Lot No. : 26481 / 26480
 Batch No. : ...

Date From : 01-Jan-2022
 Date To : 18-Mar-2022



Sr #	Date	Result	Mean	SD	Deviation	Dev%	Error %	Batch	QC Remarks
1	03 Jan 2022	183.90	188.000	13.50		-4.10	-2.18	1	
2	05 Jan 2022	186.50	188.000	13.50		-1.50	-0.80	1	
3	07 Jan 2022	185.40	188.000	13.50		-2.60	-1.38	1	
4	11 Jan 2022	186.30	188.000	13.50		-1.70	-0.90	1	
5	13 Jan 2022	190.50	188.000	13.50		2.50	1.33	1	
6	15 Jan 2022	187.00	188.000	13.50		-1.00	-0.53	1	
7	18 Jan 2022	181.70	188.000	13.50		-6.30	-3.35	1	
8	20 Jan 2022	185.20	188.000	13.50		-2.80	-1.49	1	
9	22 Jan 2022	183.60	188.000	13.50		-4.40	-2.34	1	
10	25 Jan 2022	183.10	188.000	13.50		-4.90	-2.61	1	
11	28 Jan 2022	188.40	188.000	13.50		0.40	0.21	1	
12	31 Jan 2022	185.60	188.000	13.50		-2.40	-1.28	1	
13	02 Feb 2022	180.40	188.000	13.50		-7.60	-4.04	1	
14	03 Feb 2022	184.40	188.000	13.50		-3.60	-1.91	1	
15	05 Feb 2022	181.70	188.000	13.50		-6.30	-3.35	1	
16	08 Feb 2022	178.30	188.000	13.50		-9.70	-5.16	1	
17	10 Feb 2022	183.30	188.000	13.50		-4.70	-2.50	1	
18	14 Feb 2022	180.70	188.000	13.50		-7.30	-3.88	2	
19	16 Feb 2022	180.40	188.000	13.50		-7.60	-4.04	1	
20	18 Feb 2022	183.00	188.000	13.50		-5.00	-2.66	1	
21	21 Feb 2022	182.90	188.000	13.50		-5.10	-2.71	1	
22	23 Feb 2022	181.40	188.000	13.50		-6.60	-3.51	1	
23	25 Feb 2022	185.00	188.000	13.50		-3.00	-1.60	1	
24	28 Feb 2022	184.80	188.000	13.50		-3.20	-1.70	1	
25	03 Mar 2022	183.90	188.000	13.50		-4.10	-2.18	1	
26	05 Mar 2022	177.30	188.000	13.50		-10.70	-5.69	1	
27	08 Mar 2022	180.10	188.000	13.50		-7.90	-4.20	1	
28	10 Mar 2022	184.70	188.000	13.50		-3.30	-1.76	1	
29	14 Mar 2022	184.70	188.000	13.50		-3.30	-1.76	1	

QC Graph - XL-640

30	16 Mar 2022	178.20	188.000	13.50	-9.80	-5.21	1	
31	17 Mar 2022	182.50	188.000	13.50	-5.50	-2.93	1	
32	18 Mar 2022	186.30	188.000	13.50	-1.70	-0.90	1	

QC Graph - XL-640

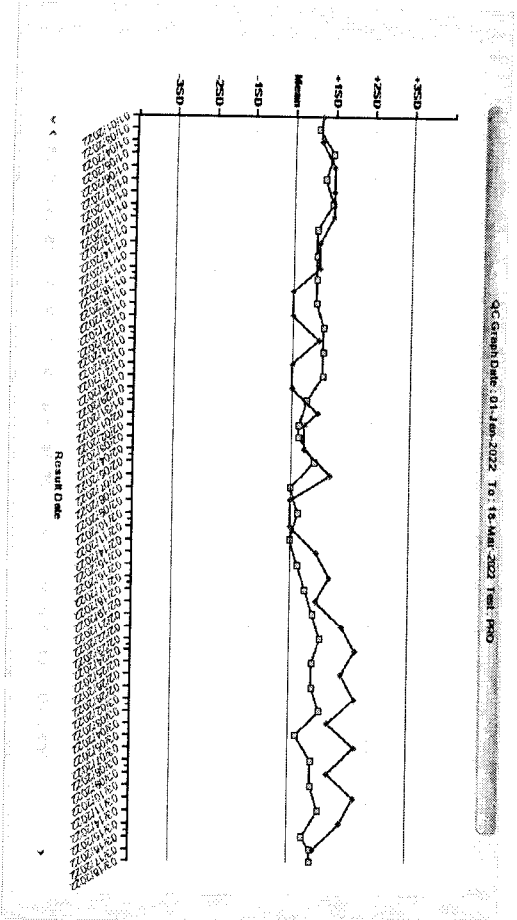
BIORAD L2 26482 High 26480

Sl#	Date	Result	Mean	SD	Deviation	Dev%	Error %	Batch	QC Remarks
1	01 Jan 2022	88.40	91.600	6.90		-3.20	-3.49	1	
2	04 Jan 2022	88.10	91.600	6.90		-3.50	-3.82	1	
3	06 Jan 2022	89.80	91.600	6.90		-1.80	-1.97	1	
4	10 Jan 2022	90.40	91.600	6.90		-1.20	-1.31	1	
5	12 Jan 2022	92.80	91.600	6.90		1.20	1.31	1	
6	14 Jan 2022	88.00	91.600	6.90		-3.60	-3.93	1	
7	17 Jan 2022	88.80	91.600	6.90		-2.80	-3.06	1	
8	19 Jan 2022	85.10	91.600	6.90		-6.50	-7.10	1	
9	21 Jan 2022	86.20	91.600	6.90		-5.40	-5.90	1	
10	24 Jan 2022	89.50	91.600	6.90		-2.10	-2.29	1	
11	27 Jan 2022	86.90	91.600	6.90		-4.70	-5.13	1	
12	29 Jan 2022	85.70	91.600	6.90		-5.90	-6.44	1	
13	01 Feb 2022	91.90	91.600	6.90		0.30	0.33	1	
14	02 Feb 2022	87.40	91.600	6.90		-4.20	-4.59	2	
15	04 Feb 2022	85.90	91.600	6.90		-5.70	-6.22	1	
16	07 Feb 2022	86.40	91.600	6.90		-5.20	-5.68	1	
17	09 Feb 2022	88.00	91.600	6.90		-3.60	-3.93	1	
18	11 Feb 2022	88.40	91.600	6.90		-3.20	-3.49	1	
19	15 Feb 2022	89.00	91.600	6.90		-2.60	-2.84	1	
20	17 Feb 2022	86.80	91.600	6.90		-4.80	-5.24	1	
21	19 Feb 2022	86.50	91.600	6.90		-5.10	-5.57	1	
22	22 Feb 2022	92.90	91.600	6.90		1.30	1.42	1	
23	24 Feb 2022	94.20	91.600	6.90		2.60	2.84	1	
24	26 Feb 2022	95.50	91.600	6.90		3.90	4.26	1	
25	02 Mar 2022	98.30	91.600	6.90		6.70	7.31	1	
26	04 Mar 2022	96.00	91.600	6.90		4.40	4.80	1	
27	07 Mar 2022	97.10	91.600	6.90		5.50	6.00	1	
28	09 Mar 2022	94.80	91.600	6.90		3.20	3.49	1	
29	11 Mar 2022	92.60	91.600	6.90		1.00	1.09	1	
30	15 Mar 2022	96.00	91.600	6.90		4.40	4.80	1	
31	17 Mar 2022	92.50	91.600	6.90		0.90	0.98	1	

QC Graph - XL-640

Test : PRO
 Control : BIORAD L1 26481 / BIORAD L2 26482
 Level : Low / High
 Lot No : 26481 / 26480
 Batch No. : ---

Date From : 01-Jan-2022
 Date To : 18-Mar-2022



QC Graph - XL-640

BIORAD L1 26481 Low 26481

Sr#	Date	Result	Mean	SD	Deviation	Dev%	Error %	Batch	QC Remarks
1	03 Jan 2022	7.10	6.790	0.51		0.30	4.42	1	
2	05 Jan 2022	7.30	6.790	0.51		0.50	7.36	1	
3	07 Jan 2022	7.20	6.790	0.51		0.40	5.89	1	
4	11 Jan 2022	7.30	6.790	0.51		0.50	7.36	1	
5	13 Jan 2022	7.10	6.790	0.51		0.30	4.42	1	
6	15 Jan 2022	7.10	6.790	0.51		0.30	4.42	1	
7	18 Jan 2022	7.10	6.790	0.51		0.30	4.42	1	
8	20 Jan 2022	7.10	6.790	0.51		0.30	4.42	1	
9	22 Jan 2022	7.20	6.790	0.51		0.40	5.89	1	
10	25 Jan 2022	7.20	6.790	0.51		0.40	5.89	1	
11	28 Jan 2022	7.20	6.790	0.51		0.40	5.89	1	
12	31 Jan 2022	7.00	6.790	0.51		0.20	2.95	1	
13	02 Feb 2022	6.90	6.790	0.51		0.10	1.47	1	
14	03 Feb 2022	6.90	6.790	0.51		0.10	1.47	1	
15	05 Feb 2022	7.10	6.790	0.51		0.30	4.42	1	
16	08 Feb 2022	6.80	6.790	0.51		0.00	0.00	1	
17	10 Feb 2022	6.80	6.790	0.51		0.10	1.47	1	
18	14 Feb 2022	6.80	6.790	0.51		0.00	0.00	2	
19	16 Feb 2022	6.90	6.790	0.51		0.10	1.47	1	
20	18 Feb 2022	7.00	6.790	0.51		0.20	2.95	1	
21	21 Feb 2022	7.10	6.790	0.51		0.30	4.42	1	
22	23 Feb 2022	7.20	6.790	0.51		0.40	5.89	1	
23	25 Feb 2022	7.10	6.790	0.51		0.30	4.42	1	
24	28 Feb 2022	7.10	6.790	0.51		0.30	4.42	1	
25	03 Mar 2022	7.20	6.790	0.51		0.40	5.89	1	
26	05 Mar 2022	6.90	6.790	0.51		0.10	1.47	1	
27	08 Mar 2022	7.10	6.790	0.51		0.30	4.42	1	
28	10 Mar 2022	7.10	6.790	0.51		0.30	4.42	1	
29	14 Mar 2022	7.20	6.790	0.51		0.40	5.89	1	

QC Graph - XL-640

30	16 Mar 2022	7.00	6.790	0.51	0.20	2.95	1
5		7.10	6.79		0.3		1

QC Graph - XL-640

BIORAD L226482 High 26480

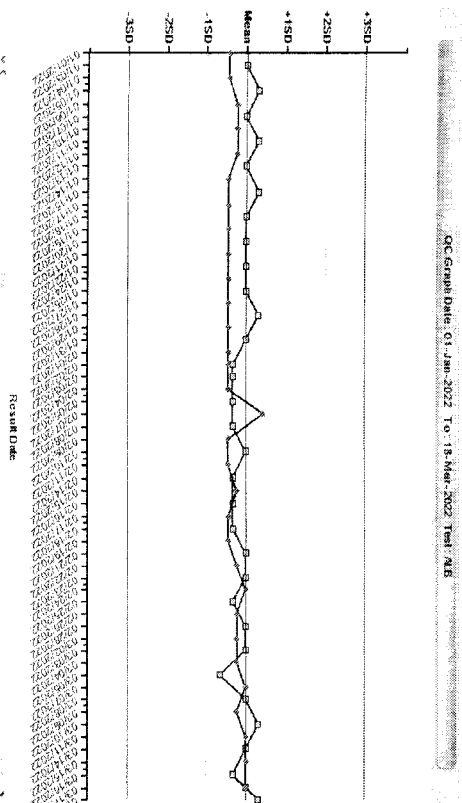
Date	Mean	SD	Dev%	Error %	Pass	QC Remarks
01 04 Jan 2022	4.70	4.500	0.20	4.44	1	
02 04 Jan 2022	4.70	4.500	0.30	4.44	1	
03 06 Jan 2022	4.80	4.500	0.30	6.67	1	
04 10 Jan 2022	4.80	4.500	0.30	6.67	1	
05 12 Jan 2022	4.80	4.500	0.30	6.67	1	
06 14 Jan 2022	4.70	4.500	0.30	4.44	1	
07 17 Jan 2022	4.70	4.500	0.30	4.44	1	
08 19 Jan 2022	4.50	4.500	0.30	0.00	1	
09 21 Jan 2022	4.50	4.500	0.30	0.00	1	
10 24 Jan 2022	4.70	4.500	0.30	4.44	1	
11 27 Jan 2022	4.50	4.500	0.30	0.00	1	
12 29 Jan 2022	4.50	4.500	0.30	0.00	1	
13 01 Feb 2022	4.70	4.500	0.30	4.44	1	
14 02 Feb 2022	4.60	4.500	0.30	2.22	2	
15 04 Feb 2022	4.60	4.500	0.30	2.22	1	
16 07 Feb 2022	4.80	4.500	0.30	6.67	1	
17 09 Feb 2022	4.50	4.500	0.30	0.00	1	
18 11 Feb 2022	4.50	4.500	0.30	0.00	1	
19 15 Feb 2022	4.70	4.500	0.30	4.44	1	
20 17 Feb 2022	4.80	4.500	0.30	6.67	1	
21 19 Feb 2022	4.70	4.500	0.30	4.44	1	
22 22 Feb 2022	4.90	4.500	0.30	8.89	1	
23 24 Feb 2022	5.00	4.500	0.30	11.11	1	
24 26 Feb 2022	4.90	4.500	0.30	8.89	1	
25 02 Mar 2022	5.00	4.500	0.30	11.11	1	
26 04 Mar 2022	4.80	4.500	0.30	6.67	1	
27 07 Mar 2022	5.00	4.500	0.30	11.11	1	
28 09 Mar 2022	4.80	4.500	0.30	6.67	1	
29 11 Mar 2022	5.00	4.500	0.30	11.11	1	
30 15 Mar 2022	4.90	4.500	0.30	8.89	1	
31 17 Mar 2022	4.70	4.500	0.30	4.44	1	

QC Graph - XL-640

QC Graph - XL-640

Test : ALB
 Control : BIORAD L1 26481 / BIORAD L2 26482
 Level : Low / High
 Lot No. : 26481 / 26480
 Batch No. : ---

Date From : 01-Jan-2022
 Date To : 18-Mar-2022



Sr#	Date	Result	Mean	SD	Deviation	Dev%	Error %	Batch	QC Remarks
1	03 Jan 2022	4.20	4.160	0.31		0.00	0.00	1	
2	05 Jan 2022	4.30	4.160	0.31		0.10	2.40	1	
3	07 Jan 2022	4.20	4.160	0.31		0.00	0.00	1	
4	11 Jan 2022	4.30	4.160	0.31		0.10	2.40	1	
5	13 Jan 2022	4.20	4.160	0.31		0.00	0.00	1	
6	15 Jan 2022	4.30	4.160	0.31		0.10	2.40	1	
7	18 Jan 2022	4.20	4.160	0.31		0.00	0.00	1	
8	20 Jan 2022	4.20	4.160	0.31		0.00	0.00	1	
9	22 Jan 2022	4.20	4.160	0.31		0.00	0.00	1	
10	25 Jan 2022	4.20	4.160	0.31		0.00	0.00	1	
11	28 Jan 2022	4.30	4.160	0.31		0.10	2.40	1	
12	31 Jan 2022	4.20	4.160	0.31		0.00	0.00	1	
13	02 Feb 2022	4.10	4.160	0.31		-0.10	-2.40	1	
14	03 Feb 2022	4.10	4.160	0.31		-0.10	-2.40	1	
15	05 Feb 2022	4.10	4.160	0.31		-0.10	-2.40	1	
16	08 Feb 2022	4.10	4.160	0.31		-0.10	-2.40	1	
17	10 Feb 2022	4.20	4.160	0.31		0.00	0.00	1	
18	14 Feb 2022	4.10	4.160	0.31		-0.10	-2.40	2	
19	16 Feb 2022	4.10	4.160	0.31		-0.10	-2.40	1	
20	18 Feb 2022	4.10	4.160	0.31		-0.10	-2.40	1	
21	21 Feb 2022	4.20	4.160	0.31		0.00	0.00	1	
22	23 Feb 2022	4.20	4.160	0.31		0.00	0.00	1	
23	25 Feb 2022	4.10	4.160	0.31		-0.10	-2.40	1	
24	28 Feb 2022	4.20	4.160	0.31		0.00	0.00	1	
25	03 Mar 2022	4.20	4.160	0.31		0.00	0.00	1	
26	05 Mar 2022	4.00	4.160	0.31		-0.20	-4.81	1	
27	08 Mar 2022	4.20	4.160	0.31		0.00	0.00	1	
28	10 Mar 2022	4.30	4.160	0.31		0.10	2.40	1	
29	14 Mar 2022	4.20	4.160	0.31		0.00	0.00	1	

QC Graph - XL-640

30	16 Mar 2022	4.10	4.160	0.31		-0.10	-2.40	1	
31	17 Mar 2022	4.20	4.160	0.31		0.00	0.00	1	
32	18 Mar 2022	4.30	4.160	0.31		0.10	2.40	1	

QC Graph - XL-640

BIORAD L2 26482 High 26480

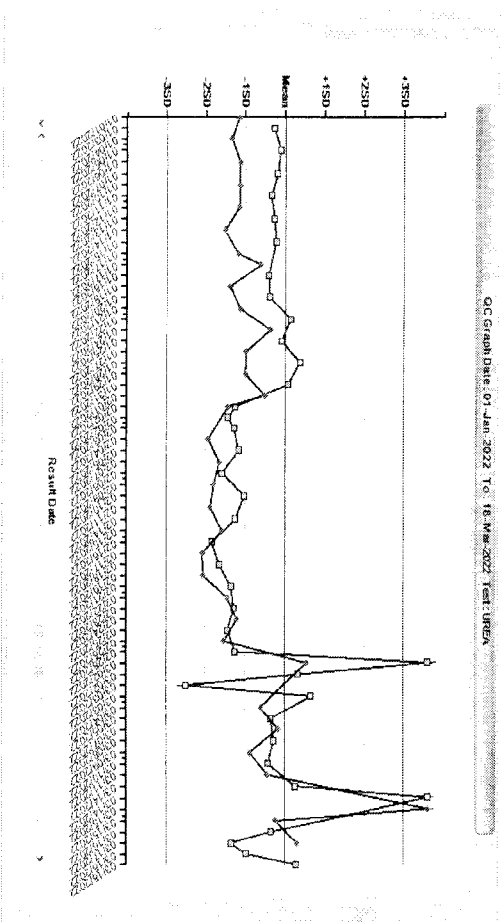
Sr #	Date	Result	Mean	SD	Deviation	Dev %	Error %	Batch	QC Remarks
1	01 Jan 2022	2.80	2.950	0.45		-0.20	-6.78	1	
2	04 Jan 2022	2.80	2.950	0.45		-0.20	-6.78	1	
3	06 Jan 2022	2.90	2.950	0.45		-0.10	-3.39	1	
4	10 Jan 2022	2.90	2.950	0.45		-0.10	-3.39	1	
5	12 Jan 2022	2.90	2.950	0.45		-0.10	-3.39	1	
6	14 Jan 2022	2.80	2.950	0.45		-0.20	-6.78	1	
7	17 Jan 2022	2.80	2.950	0.45		-0.20	-6.78	1	
8	19 Jan 2022	2.70	2.950	0.45		-0.20	-6.78	1	
9	21 Jan 2022	2.70	2.950	0.45		-0.20	-6.78	1	
10	24 Jan 2022	2.80	2.950	0.45		-0.20	-6.78	1	
11	27 Jan 2022	2.70	2.950	0.45		-0.20	-6.78	1	
12	29 Jan 2022	2.70	2.950	0.45		-0.20	-6.78	1	
13	01 Feb 2022	2.80	2.950	0.45		-0.20	-6.78	1	
14	02 Feb 2022	2.80	2.950	0.45		-0.20	-6.78	2	
15	04 Feb 2022	2.80	2.950	0.45		-0.20	-6.78	1	
16	07 Feb 2022	3.20	2.950	0.45		0.20	6.78	1	
17	09 Feb 2022	2.80	2.950	0.45		-0.20	-6.78	1	
18	11 Feb 2022	2.80	2.950	0.45		-0.20	-6.78	1	
19	15 Feb 2022	2.90	2.950	0.45		-0.10	-3.39	1	
20	17 Feb 2022	2.80	2.950	0.45		-0.20	-6.78	1	
21	19 Feb 2022	2.80	2.950	0.45		-0.20	-6.78	1	
22	22 Feb 2022	2.90	2.950	0.45		-0.10	-3.39	1	
23	24 Feb 2022	3.00	2.950	0.45		0.00	0.00	1	
24	26 Feb 2022	2.90	2.950	0.45		-0.10	-3.39	1	
25	02 Mar 2022	2.90	2.950	0.45		-0.10	-3.39	1	
26	04 Mar 2022	2.90	2.950	0.45		-0.10	-3.39	1	
27	07 Mar 2022	3.00	2.950	0.45		0.00	0.00	1	
28	09 Mar 2022	2.90	2.950	0.45		-0.10	-3.39	1	
29	11 Mar 2022	3.00	2.950	0.45		0.00	0.00	1	
30	15 Mar 2022	3.00	2.950	0.45		0.00	0.00	1	
31	17 Mar 2022	3.00	2.950	0.45		0.00	0.00	1	

QC Graph - XL-640

QC Graph - XL-640

Test : UREA
 Control : BIORAD L1 26481 / BIORAD L2 26482
 Level : Low / High
 Lot No. : 26481 / 26480
 Batch No. : ---

Date From : 01-Jan-2022
 Date To : 18-Mar-2022



Sr#	Date	Result	Mean	SD	Deviation	Dev%	Error %	Batch	QC Remarks
1	03 Jan 2022	32.60	33.300	2.65		-0.70	-2.10	1	
2	05 Jan 2022	33.00	33.300	2.65		-0.30	-0.90	1	
3	07 Jan 2022	32.80	33.300	2.65		-0.50	-1.50	1	
4	11 Jan 2022	32.40	33.300	2.65		-0.90	-2.70	1	
5	13 Jan 2022	32.60	33.300	2.65		-0.70	-2.10	1	
6	15 Jan 2022	32.70	33.300	2.65		-0.60	-1.80	1	
7	18 Jan 2022	32.20	33.300	2.65		-1.10	-3.30	1	
8	20 Jan 2022	32.30	33.300	2.65		-1.00	-3.00	1	
9	22 Jan 2022	33.70	33.300	2.65		0.40	1.20	1	
10	25 Jan 2022	33.10	33.300	2.65		-0.20	-0.60	1	
11	28 Jan 2022	34.30	33.300	2.65		1.00	3.00	1	
12	31 Jan 2022	33.50	33.300	2.65		0.20	0.60	1	
13	02 Feb 2022	30.00	33.300	2.65	-1SD	-3.30	-9.91	1	
14	02 Feb 2022	29.50	33.300	2.65	-1SD	-3.80	-11.41	2	
15	03 Feb 2022	29.90	33.300	2.65	-1SD	-3.40	-10.21	1	
16	05 Feb 2022	30.20	33.300	2.65	-1SD	-3.10	-9.31	1	
17	08 Feb 2022	29.10	33.300	2.65	-1SD	-4.20	-12.61	1	
18	10 Feb 2022	30.60	33.300	2.65	-1SD	-2.70	-8.11	1	
19	14 Feb 2022	30.00	33.300	2.65	-1SD	-3.30	-9.91	2	
20	16 Feb 2022	28.40	33.300	2.65	-1SD	-4.90	-14.71	1	
21	18 Feb 2022	28.90	33.300	2.65	-1SD	-4.40	-13.21	1	
22	21 Feb 2022	29.70	33.300	2.65	-1SD	-3.60	-10.81	1	
23	23 Feb 2022	29.90	33.300	2.65	-1SD	-3.40	-10.21	1	
24	25 Feb 2022	29.50	33.300	2.65	-1SD	-3.80	-11.41	1	
25	28 Feb 2022	30.00	33.300	2.65	-1SD	-3.30	-9.91	1	
26	02 Mar 2022	46.30	33.300	2.65	+3SD	13.00	39.04	2	
27	02 Mar 2022	34.20	33.300	2.65		0.90	2.70	3	
28	03 Mar 2022	26.70	33.300	2.65	2SD	-6.60	-19.82	1	
29	03 Mar 2022	35.10	33.300	2.65		1.80	5.41	1	

QC Graph - XL-640

30	05 Mar 2022	32.40	33.300	2.65	-0.90	-2.70	1	
31	08 Mar 2022	32.60	33.300	2.65	-0.70	-2.10	1	
32	10 Mar 2022	32.20	33.300	2.65	-1.10	-3.30	1	
33	14 Mar 2022	34.00	33.300	2.65	0.70	2.10	1	
34	14 Mar 2022	54.00	33.300	2.65+3SD	20.70	62.16	2	
35	16 Mar 2022	32.40	33.300	2.65	-0.90	-2.70	1	
36	17 Mar 2022	29.70	33.300	2.65-1SD	-3.60	-10.81	1	
37	18 Mar 2022	30.70	33.300	2.65	-2.60	-7.81	1	
38	18 Mar 2022	34.10	33.300	2.65	0.80	2.40	2	

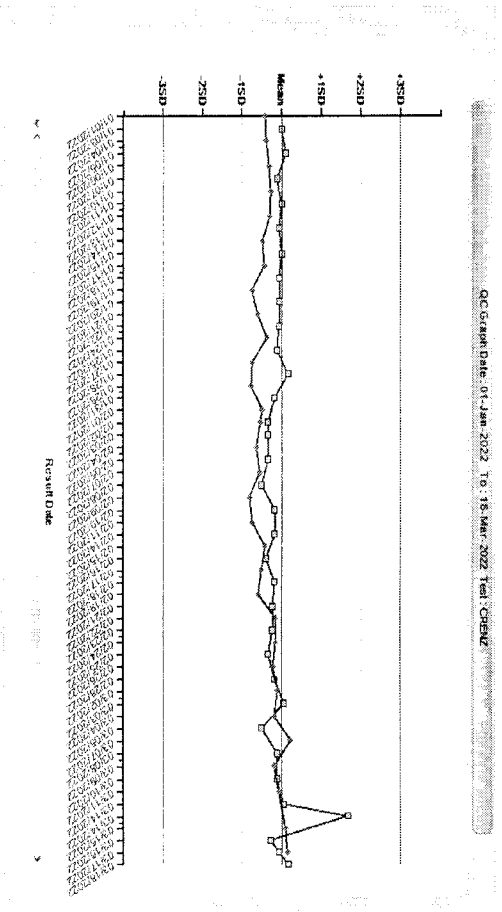
QC Graph - XL-640

SI#	Date	Result	Mean	SD	Deviation	Dev%	Error%	Batch	QC Remarks
1	01 Jan 2022	94.30	103.000	7.50	-1SD	-8.70	-8.45	1	
2	04 Jan 2022	92.90	103.000	7.50	-1SD	-10.10	-9.81	1	
3	06 Jan 2022	94.40	103.000	7.50	-1SD	-8.60	-8.35	1	
4	10 Jan 2022	94.40	103.000	7.50	-1SD	-8.60	-8.35	1	
5	12 Jan 2022	94.30	103.000	7.50	-1SD	-8.70	-8.45	1	
6	14 Jan 2022	91.60	103.000	7.50	-1SD	-11.40	-11.07	1	
7	17 Jan 2022	94.10	103.000	7.50	-1SD	-8.90	-8.64	1	
8	17 Jan 2022	96.40	103.000	7.50		-4.60	-4.47	2	
9	19 Jan 2022	92.60	103.000	7.50	-1SD	-10.40	-10.10	1	
10	21 Jan 2022	94.40	103.000	7.50	-1SD	-8.60	-8.35	1	
11	24 Jan 2022	100.30	103.000	7.50		-2.70	-2.62	1	
12	27 Jan 2022	95.60	103.000	7.50		-7.40	-7.18	1	
13	29 Jan 2022	95.50	103.000	7.50		-7.50	-7.28	1	
14	01 Feb 2022	99.30	103.000	7.50		-3.70	-3.59	1	
15	02 Feb 2022	92.20	103.000	7.50	-1SD	-10.80	-10.49	2	
16	04 Feb 2022	88.50	103.000	7.50	-1SD	-14.50	-14.08	1	
17	07 Feb 2022	90.60	103.000	7.50	-1SD	-12.40	-12.04	1	
18	09 Feb 2022	89.60	103.000	7.50	-1SD	-13.40	-13.01	1	
19	11 Feb 2022	88.90	103.000	7.50	-1SD	-14.10	-13.69	1	
20	15 Feb 2022	91.10	103.000	7.50	-1SD	-11.90	-11.55	1	
21	17 Feb 2022	87.40	103.000	7.50	-2SD	-15.60	-15.15	1	
22	19 Feb 2022	87.50	103.000	7.50	-2SD	-15.50	-15.05	1	
23	22 Feb 2022	92.10	103.000	7.50	-1SD	-10.90	-10.58	1	
24	24 Feb 2022	94.00	103.000	7.50	-1SD	-9.00	-8.74	1	
25	26 Feb 2022	91.50	103.000	7.50	-1SD	-11.50	-11.17	1	
26	02 Mar 2022	107.10	103.000	7.50		4.10	3.98	1	
27	04 Mar 2022	98.50	103.000	7.50		-4.50	-4.37	1	
28	07 Mar 2022	101.80	103.000	7.50		-1.20	-1.17	1	
29	09 Mar 2022	96.40	103.000	7.50		-6.60	-6.41	1	
30	11 Mar 2022	99.80	103.000	7.50		-3.20	-3.11	1	
31	15 Mar 2022	149.60	103.000	7.50	+3SD	46.60	45.24	1	
32	15 Mar 2022	101.30	103.000	7.50		-1.70	-1.65	2	
33	17 Mar 2022	105.30	103.000	7.50		2.30	2.23	1	

QC Graph - XL-640

Test : CRENZ
 Control : BIORAD L1 26481 / BIORAD L2 26482
 Level : Low / High
 Lot No. : 26481 / 26480
 Batch No. : ---

Date From : 01-Jan-2022
 Date To : 18-Mar-2022



QC Graph - XL-640

BIORAD L1 26481 Low 26481

Sr #	Date	Result	Mean	SD	Deviation	Dev %	Error %	Batch	QC Remarks
1	03 Jan 2022	1.74	1.740	0.18		0.00	0.00	1	
2	05 Jan 2022	1.76	1.740	0.18		0.02	1.15	1	
3	07 Jan 2022	1.72	1.740	0.18		-0.02	-1.15	1	
4	11 Jan 2022	1.74	1.740	0.18		0.00	0.00	1	
5	13 Jan 2022	1.73	1.740	0.18		-0.01	-0.57	1	
6	15 Jan 2022	1.74	1.740	0.18		0.00	0.00	1	
7	18 Jan 2022	1.73	1.740	0.18		-0.01	-0.57	1	
8	20 Jan 2022	1.73	1.740	0.18		-0.01	-0.57	1	
9	22 Jan 2022	1.73	1.740	0.18		-0.01	-0.57	1	
10	25 Jan 2022	1.72	1.740	0.18		-0.02	-1.15	1	
11	28 Jan 2022	1.77	1.740	0.18		0.03	1.72	1	
12	31 Jan 2022	1.71	1.740	0.18		-0.03	-1.72	1	
13	02 Feb 2022	1.68	1.740	0.18		-0.06	-3.45	1	
14	03 Feb 2022	1.68	1.740	0.18		-0.06	-3.45	1	
15	05 Feb 2022	1.68	1.740	0.18		-0.06	-3.45	1	
16	08 Feb 2022	1.65	1.740	0.18		-0.09	-5.17	1	
17	10 Feb 2022	1.71	1.740	0.18		-0.03	-1.72	1	
18	14 Feb 2022	1.71	1.740	0.18		-0.03	-1.72	2	
19	16 Feb 2022	1.67	1.740	0.18		-0.07	-4.02	1	
20	18 Feb 2022	1.71	1.740	0.18		-0.03	-1.72	1	
21	21 Feb 2022	1.70	1.740	0.18		-0.04	-2.30	1	
22	23 Feb 2022	1.70	1.740	0.18		-0.04	-2.30	1	
23	25 Feb 2022	1.68	1.740	0.18		-0.06	-3.45	1	
24	28 Feb 2022	1.71	1.740	0.18		-0.03	-1.72	1	
25	03 Mar 2022	1.75	1.740	0.18		0.01	0.57	1	
26	05 Mar 2022	1.65	1.740	0.18		-0.09	-5.17	1	
27	08 Mar 2022	1.72	1.740	0.18		-0.02	-1.15	1	
28	10 Mar 2022	1.72	1.740	0.18		-0.02	-1.15	1	
29	14 Mar 2022	1.75	1.740	0.18		0.01	0.57	1	

QC Graph - XL-640

30	14 Mar 2022	2.04	1.740	0.18	+1SD	0.30	17.24	2
31	16 Mar 2022	1.69	1.740	0.18		-0.05	-2.87	1
32	17 Mar 2022	1.73	1.740	0.18		-0.01	-0.57	1
33	18 Mar 2022	1.77	1.740	0.18		0.03	1.72	1

QC Graph - XL-640

BIORAD L226482 High 26480

Sr #	Date	Result	Mean	SD	Deviation	Dev %	Error %	Batch	QC Remarks
1	01 Jan 2022	5.26	5.500	0.60		-0.24	-4.36	1	
2	04 Jan 2022	5.27	5.500	0.60		-0.23	-4.18	1	
3	06 Jan 2022	5.31	5.500	0.60		-0.19	-3.45	1	
4	10 Jan 2022	5.34	5.500	0.60		-0.16	-2.91	1	
5	12 Jan 2022	5.33	5.500	0.60		-0.17	-3.09	1	
6	14 Jan 2022	5.21	5.500	0.60		-0.29	-5.27	1	
7	17 Jan 2022	5.24	5.500	0.60		-0.26	-4.73	1	
8	19 Jan 2022	5.05	5.500	0.60		-0.45	-8.18	1	
9	21 Jan 2022	5.14	5.500	0.60		-0.36	-6.55	1	
10	24 Jan 2022	5.28	5.500	0.60		-0.22	-4.00	1	
11	27 Jan 2022	5.06	5.500	0.60		-0.44	-8.00	1	
12	29 Jan 2022	5.04	5.500	0.60		-0.46	-8.36	1	
13	01 Feb 2022	5.21	5.500	0.60		-0.29	-5.27	1	
14	02 Feb 2022	5.18	5.500	0.60		-0.32	-5.82	2	
15	04 Feb 2022	5.12	5.500	0.60		-0.38	-6.91	1	
16	07 Feb 2022	5.17	5.500	0.60		-0.33	-6.00	1	
17	09 Feb 2022	5.01	5.500	0.60		-0.49	-8.91	1	
18	11 Feb 2022	5.06	5.500	0.60		-0.44	-8.00	1	
19	15 Feb 2022	5.25	5.500	0.60		-0.25	-4.55	1	
20	17 Feb 2022	5.20	5.500	0.60		-0.30	-5.45	1	
21	19 Feb 2022	5.15	5.500	0.60		-0.35	-6.36	1	
22	22 Feb 2022	5.41	5.500	0.60		-0.09	-1.64	1	
23	24 Feb 2022	5.41	5.500	0.60		-0.09	-1.64	1	
24	26 Feb 2022	5.37	5.500	0.60		-0.13	-2.36	1	
25	02 Mar 2022	5.44	5.500	0.60		-0.06	-1.09	1	
26	04 Mar 2022	5.39	5.500	0.60		-0.11	-2.00	1	
27	07 Mar 2022	5.64	5.500	0.60		0.14	2.55	1	
28	09 Mar 2022	5.39	5.500	0.60		-0.11	-2.00	1	
29	11 Mar 2022	5.46	5.500	0.60		-0.04	-0.73	1	
30	15 Mar 2022	5.56	5.500	0.60		0.06	1.09	1	
31	17 Mar 2022	5.59	5.500	0.60		0.09	1.64	1	

QC Graph - XL-640

Test : UA

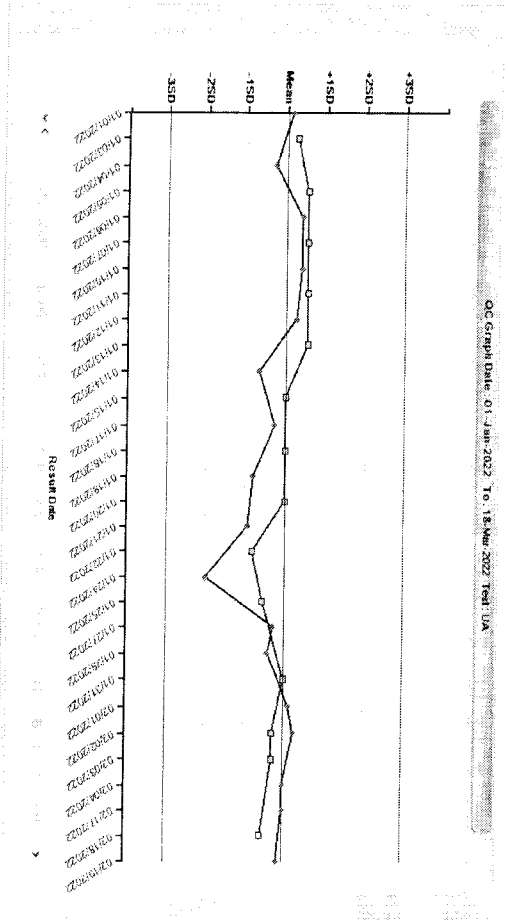
Control : BIORAD L1 26481 / BIORAD L2 26482

Level : Low / High

Lot No. : 26481 / 26480

Batch No. : ----

Date From : 01-Jan-2022
Date To : 18-Mar-2022



QC Graph - XL-640

BIORAD L1 26481 Low 26481

Sr #	Date	Result	Mean	SD	Deviation	Dev%	Error %	Batch	QC Remarks
1	03 Jan 2022	5.10	4.970	0.37		0.10	2.01	1	
2	05 Jan 2022	5.20	4.970	0.37		0.20	4.02	1	
3	07 Jan 2022	5.20	4.970	0.37		0.20	4.02	1	
4	11 Jan 2022	5.20	4.970	0.37		0.20	4.02	1	
5	13 Jan 2022	5.20	4.970	0.37		0.20	4.02	1	
6	15 Jan 2022	5.00	4.970	0.37		0.00	0.00	1	
7	18 Jan 2022	5.00	4.970	0.37		0.00	0.00	1	
8	20 Jan 2022	5.00	4.970	0.37		0.00	0.00	1	
9	22 Jan 2022	4.70	4.970	0.37		-0.30	-6.04	1	
10	25 Jan 2022	4.80	4.970	0.37		-0.20	-4.02	2	
11	31 Jan 2022	5.00	4.970	0.37		0.00	0.00	1	
12	02 Feb 2022	4.90	4.970	0.37		-0.10	-2.01	1	
13	03 Feb 2022	4.90	4.970	0.37		-0.10	-2.01	1	
14	18 Feb 2022	4.80	4.970	0.37		-0.20	-4.02	1	

QC Graph - XL-640

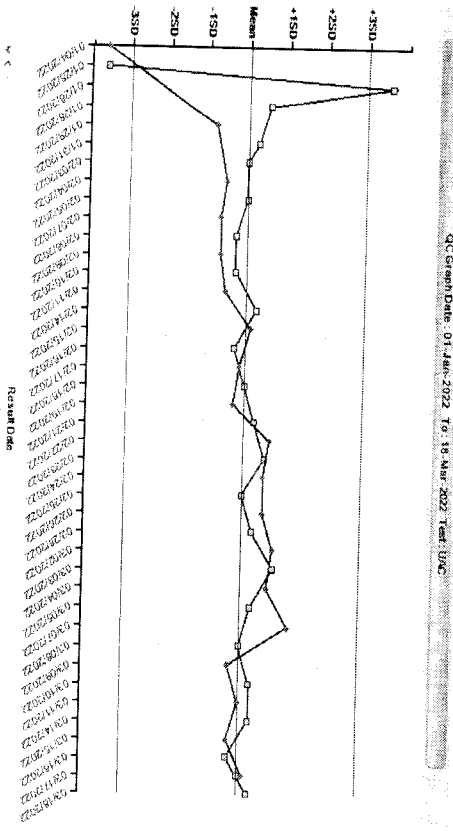
BIORAD L2 26482 High 26480

Sr #	Date	Result	Mean	SD	Deviation	Dev %	Error %	Batch	QC Remarks
1	01 Jan 2022	10.30	10.200	0.75		0.10	0.96	1	
2	04 Jan 2022	10.00	10.200	0.75		-0.20	-1.96	3	
3	06 Jan 2022	10.50	10.200	0.75		0.30	2.94	1	
4	10 Jan 2022	10.50	10.200	0.75		0.30	2.94	1	
5	12 Jan 2022	10.40	10.200	0.75		0.20	1.96	1	
6	14 Jan 2022	9.70	10.200	0.75		-0.50	-4.90	1	
7	17 Jan 2022	10.00	10.200	0.75		-0.20	-1.96	1	
8	19 Jan 2022	9.60	10.200	0.75		-0.60	-5.88	1	
9	21 Jan 2022	9.50	10.200	0.75		-0.70	-6.86	1	
10	24 Jan 2022	8.70	10.200	0.75	-1.50	-1.50	-14.71	1	
11	27 Jan 2022	10.00	10.200	0.75		-0.20	-1.96	1	
12	29 Jan 2022	9.90	10.200	0.75		-0.30	-2.94	1	
13	01 Feb 2022	10.30	10.200	0.75		0.10	0.98	1	
14	02 Feb 2022	10.40	10.200	0.75		0.20	1.96	2	
15	04 Feb 2022	10.20	10.200	0.75		0.00	0.00	1	
16	17 Feb 2022	10.20	10.200	0.75		0.00	0.00	1	
17	19 Feb 2022	10.10	10.200	0.75		-0.10	-0.98	1	

QC Graph - XL-640

Test : UAC
 Control : BIORAD L1 26481 / BIORAD L2 26482
 Level : Low / High
 Lot No. : 26481 / 26480
 Batch No. : ---

Date From : 01-Jan-2022
 Date To : 18-Mar-2022



QC Graph - XL-640

BIORAD L1 26481 Low 26481

Sr #	Date	Result	Mean	SD	Deviation	Dev%	Error %	Batch	QC Remarks
1	28 Jan 2022	1.00	4.970	0.37	-3SD	-4.00	80.48	1	
2	28 Jan 2022	7.20	4.970	0.37	+3SD	2.20	44.27	2	
3	28 Jan 2022	5.20	4.970	0.37		0.20	4.02	3	
4	31 Jan 2022	5.10	4.970	0.37		0.10	2.01	1	
5	03 Feb 2022	5.00	4.970	0.37		0.00	0.00	1	
6	05 Feb 2022	5.00	4.970	0.37		0.00	0.00	1	
7	08 Feb 2022	4.90	4.970	0.37		-0.10	-2.01	1	
8	10 Feb 2022	4.90	4.970	0.37		-0.10	-2.01	1	
9	14 Feb 2022	5.10	4.970	0.37		0.10	2.01	2	
10	16 Feb 2022	4.90	4.970	0.37		-0.10	-2.01	1	
11	18 Feb 2022	5.00	4.970	0.37		0.00	0.00	1	
12	21 Feb 2022	5.10	4.970	0.37		0.10	2.01	1	
13	23 Feb 2022	5.20	4.970	0.37		0.20	4.02	1	
14	25 Feb 2022	5.00	4.970	0.37		0.00	0.00	1	
15	28 Feb 2022	5.10	4.970	0.37		0.10	2.01	1	
16	03 Mar 2022	5.30	4.970	0.37		0.30	6.04	1	
17	05 Mar 2022	5.10	4.970	0.37		0.10	2.01	1	
18	08 Mar 2022	5.00	4.970	0.37		0.00	0.00	1	
19	10 Mar 2022	5.10	4.970	0.37		0.10	2.01	1	
20	14 Mar 2022	5.10	4.970	0.37		0.10	2.01	1	
21	16 Mar 2022	4.90	4.970	0.37		-0.10	-2.01	1	
22	17 Mar 2022	5.00	4.970	0.37		0.00	0.00	1	
23	18 Mar 2022	5.10	4.970	0.37		0.10	2.01	1	

QC Graph - XL-640

BIORAD L2 26482 High 26480

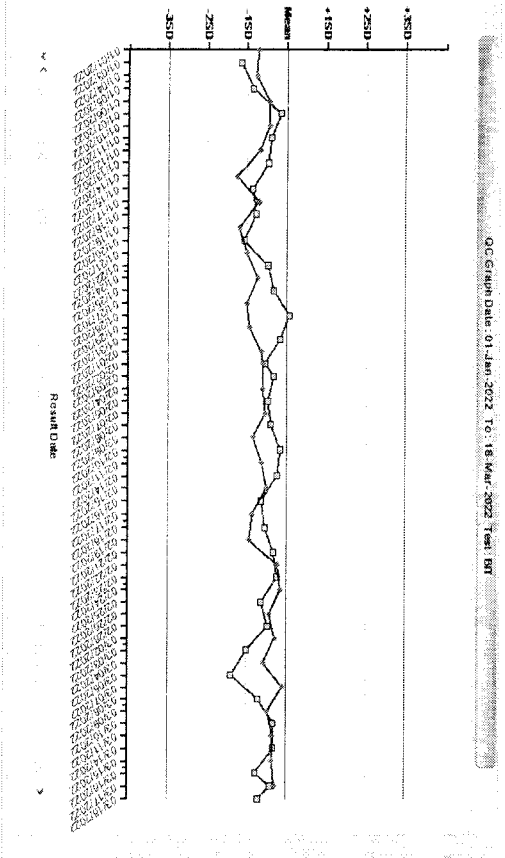
Sr#	Date	Result	Mean	SD	Deviation	Dev%	Error %	Batch	QC Remarks
1	04 Jan 2022	2.00	10.200	0.75	-3SD	-8.20	-80.39	3	
2	29 Jan 2022	9.60	10.200	0.75		-0.60	-5.88	1	
3	04 Feb 2022	9.80	10.200	0.75		-0.40	-3.92	1	
4	07 Feb 2022	9.70	10.200	0.75		-0.50	-4.90	1	
5	09 Feb 2022	9.70	10.200	0.75		-0.50	-4.90	1	
6	11 Feb 2022	9.80	10.200	0.75		-0.40	-3.92	1	
7	15 Feb 2022	10.30	10.200	0.75		0.10	0.98	1	
8	17 Feb 2022	10.10	10.200	0.75		-0.10	-0.98	1	
9	19 Feb 2022	10.00	10.200	0.75		-0.20	-1.96	1	
10	22 Feb 2022	10.70	10.200	0.75		0.50	4.90	1	
11	24 Feb 2022	10.60	10.200	0.75		0.40	3.92	1	
12	26 Feb 2022	10.60	10.200	0.75		0.40	3.92	1	
13	02 Mar 2022	10.80	10.200	0.75		0.60	5.88	1	
14	04 Mar 2022	10.70	10.200	0.75		0.50	4.90	1	
15	07 Mar 2022	11.10	10.200	0.75	+1SD	0.90	8.82	1	
16	09 Mar 2022	10.00	10.200	0.75		-0.20	-1.96	1	
17	11 Mar 2022	10.20	10.200	0.75		0.00	0.00	1	
18	15 Mar 2022	10.00	10.200	0.75		-0.20	-1.96	1	
19	17 Mar 2022	10.30	10.200	0.75		0.10	0.98	1	

QC Graph - XL-640

QC Graph - XL-640

Test : BIT
 Control : BIORAD L1 26481 / BIORAD L2 26482
 Level : Low / High
 Lot No. : 26481 / 26480
 Batch No. : ---

Date From : 01-Jan-2022
 Date To : 18-Mar-2022



Sr#	Date	Result	Mean	SD	Deviation	Dev%	Error%	Batch	QC Remarks
1	03 Jan 2022	0.93	1.080	0.13	-1SD	-0.15	-13.89	1	
2	05 Jan 2022	0.97	1.080	0.13		-0.11	-10.19	1	
3	07 Jan 2022	1.06	1.080	0.13		-0.02	-1.85	1	
4	11 Jan 2022	1.03	1.080	0.13		-0.05	-4.63	1	
5	13 Jan 2022	1.02	1.080	0.13		-0.06	-5.56	1	
6	15 Jan 2022	0.97	1.080	0.13		-0.11	-10.19	1	
7	18 Jan 2022	0.98	1.080	0.13		-0.10	-9.26	1	
8	20 Jan 2022	0.94	1.080	0.13	-1SD	-0.14	-12.96	1	
9	22 Jan 2022	1.02	1.080	0.13		-0.06	-5.56	1	
10	25 Jan 2022	1.04	1.080	0.13		-0.04	-3.70	1	
11	28 Jan 2022	1.09	1.080	0.13		0.01	0.93	1	
12	31 Jan 2022	1.06	1.080	0.13		-0.02	-1.85	1	
13	02 Feb 2022	1.01	1.080	0.13		-0.07	-6.48	1	
14	03 Feb 2022	1.04	1.080	0.13		-0.04	-3.70	1	
15	05 Feb 2022	1.02	1.080	0.13		-0.06	-5.56	1	
16	08 Feb 2022	1.03	1.080	0.13		-0.05	-4.63	1	
17	10 Feb 2022	1.06	1.080	0.13		-0.02	-1.85	1	
18	14 Feb 2022	1.05	1.080	0.13		-0.03	-2.78	2	
19	16 Feb 2022	1.00	1.080	0.13		-0.08	-7.41	1	
20	18 Feb 2022	1.01	1.080	0.13		-0.07	-6.48	1	
21	21 Feb 2022	1.04	1.080	0.13		-0.04	-3.70	1	
22	23 Feb 2022	1.05	1.080	0.13		-0.03	-2.78	1	
23	25 Feb 2022	1.00	1.080	0.13		-0.08	-7.41	1	
24	28 Feb 2022	1.02	1.080	0.13		-0.06	-5.56	1	
25	03 Mar 2022	0.95	1.080	0.13		-0.13	-12.04	1	
26	05 Mar 2022	0.90	1.080	0.13	-1SD	-0.18	-16.67	1	
27	08 Mar 2022	0.99	1.080	0.13		-0.09	-8.33	1	
28	10 Mar 2022	1.04	1.080	0.13		-0.04	-3.70	1	
29	14 Mar 2022	1.04	1.080	0.13		-0.04	-3.70	1	

QC Graph - XL-640

30	16 Mar 2022	0.98	1.080	0.13	-0.10	-9.26	1
31	17 Mar 2022	1.03	1.080	0.13	-0.05	-4.63	1
32	18 Mar 2022	0.99	1.080	0.13	-0.09	-8.33	1

QC Graph - XL-640

BIORAD L2 26482 High 26480

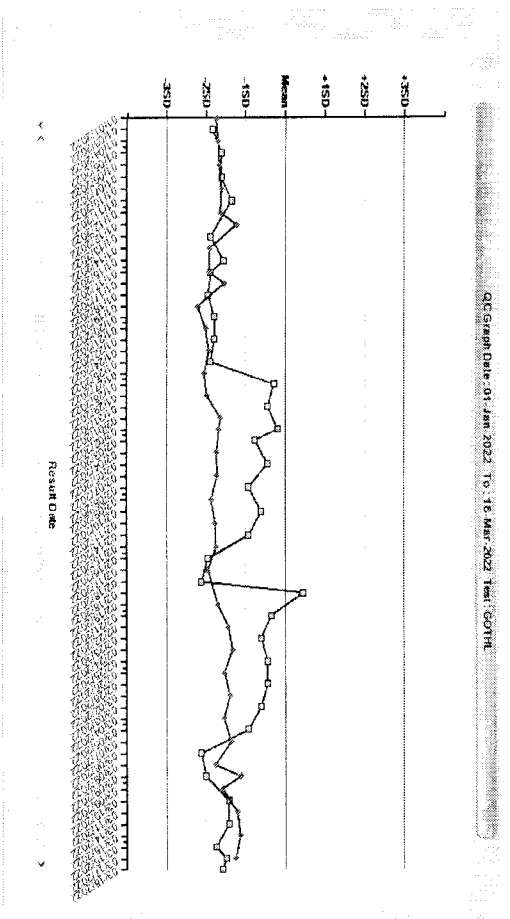
Sl#	Date	Result	Mean	SD	Deviation	Dev%	Error %	Batch	QC Remarks
1	01 Jan 2022	4.16	4.570	0.57		-0.41	-8.97	1	
2	04 Jan 2022	4.13	4.570	0.57		-0.44	-9.63	1	
3	06 Jan 2022	4.32	4.570	0.57		-0.25	-5.47	1	
4	10 Jan 2022	4.32	4.570	0.57		-0.25	-5.47	1	
5	12 Jan 2022	4.19	4.570	0.57		-0.38	-8.32	1	
6	14 Jan 2022	3.86	4.570	0.57	-1SD	-0.71	-15.54	1	
7	17 Jan 2022	4.17	4.570	0.57		-0.40	-8.75	1	
8	19 Jan 2022	3.89	4.570	0.57	-1SD	-0.68	-14.88	1	
9	21 Jan 2022	4.00	4.570	0.57		-0.57	-12.47	1	
10	24 Jan 2022	4.16	4.570	0.57		-0.41	-8.97	1	
11	27 Jan 2022	4.00	4.570	0.57		-0.57	-12.47	1	
12	29 Jan 2022	4.04	4.570	0.57		-0.53	-11.60	1	
13	01 Feb 2022	4.21	4.570	0.57		-0.36	-7.88	1	
14	02 Feb 2022	4.23	4.570	0.57		-0.34	-7.44	2	
15	04 Feb 2022	4.23	4.570	0.57		-0.34	-7.44	1	
16	07 Feb 2022	4.27	4.570	0.57		-0.30	-6.56	1	
17	09 Feb 2022	4.09	4.570	0.57		-0.48	-10.50	1	
18	11 Feb 2022	4.22	4.570	0.57		-0.35	-7.66	1	
19	15 Feb 2022	4.29	4.570	0.57		-0.28	-6.13	1	
20	17 Feb 2022	4.08	4.570	0.57		-0.49	-10.72	1	
21	19 Feb 2022	4.04	4.570	0.57		-0.53	-11.60	1	
22	22 Feb 2022	4.45	4.570	0.57		-0.12	-2.63	1	
23	24 Feb 2022	4.49	4.570	0.57		-0.08	-1.75	1	
24	26 Feb 2022	4.33	4.570	0.57		-0.24	-5.25	1	
25	02 Mar 2022	4.41	4.570	0.57		-0.16	-3.50	1	
26	04 Mar 2022	4.25	4.570	0.57		-0.32	-7.00	1	
27	07 Mar 2022	4.52	4.570	0.57		-0.05	-1.09	1	
28	09 Mar 2022	4.31	4.570	0.57		-0.26	-5.69	1	
29	11 Mar 2022	4.38	4.570	0.57		-0.19	-4.16	1	
30	15 Mar 2022	4.38	4.570	0.57		-0.19	-4.16	1	
31	17 Mar 2022	4.41	4.570	0.57		-0.16	-3.50	1	

QC Graph - XL-640

QC Graph - XL-640

Test : GOTHL
 Control : BIORAD L1 26481 / BIORAD L2 26482
 Level : Low / High
 Lot No. : 26481 / 26480
 Batch No. : ---

Date From : 01-Jan-2022
 Date To : 18-Mar-2022



Sr#	Date	Result	Mean	SD	Deviation	Dev%	Error %	Batch	QC Remarks
1	03 Jan 2022	35.10	43.100	4.35	-1SD	-8.00	-18.56	1	
2	05 Jan 2022	36.10	43.100	4.35	-1SD	-7.00	-16.24	1	
3	07 Jan 2022	36.10	43.100	4.35	-1SD	-7.00	-16.24	1	
4	11 Jan 2022	37.20	43.100	4.35	-1SD	-5.90	-13.69	1	
5	13 Jan 2022	34.90	43.100	4.35	-1SD	-8.20	-19.03	1	
6	15 Jan 2022	36.30	43.100	4.35	-1SD	-6.80	-15.78	1	
7	17 Jan 2022	34.90	43.100	4.35	-1SD	-8.20	-19.03	3	
8	18 Jan 2022	34.60	43.100	4.35	-1SD	-8.50	-19.72	1	
9	20 Jan 2022	35.30	43.100	4.35	-1SD	-7.80	-18.10	1	
10	22 Jan 2022	35.30	43.100	4.35	-1SD	-7.80	-18.10	1	
11	25 Jan 2022	34.90	43.100	4.35	-1SD	-8.20	-19.03	1	
12	28 Jan 2022	41.90	43.100	4.35		-1.20	-2.78	1	
13	31 Jan 2022	41.20	43.100	4.35		-1.90	-4.41	1	
14	02 Feb 2022	42.30	43.100	4.35		-0.80	-1.86	1	
15	03 Feb 2022	39.80	43.100	4.35		-3.30	-7.66	1	
16	05 Feb 2022	41.20	43.100	4.35		-1.90	-4.41	1	
17	08 Feb 2022	39.10	43.100	4.35		-4.00	-9.28	1	
18	10 Feb 2022	40.50	43.100	4.35		-2.60	-6.03	1	
19	14 Feb 2022	39.10	43.100	4.35		-4.00	-9.28	2	
20	16 Feb 2022	34.60	43.100	4.35	-1SD	-8.50	-19.72	1	
21	18 Feb 2022	33.90	43.100	4.35	-2SD	-9.20	-21.35	1	
22	18 Feb 2022	45.10	43.100	4.35		2.00	4.64	5	
23	21 Feb 2022	41.60	43.100	4.35		-1.50	-3.48	1	
24	23 Feb 2022	40.50	43.100	4.35		-2.60	-6.03	1	
25	25 Feb 2022	41.20	43.100	4.35		-1.90	-4.41	1	
26	28 Feb 2022	41.20	43.100	4.35		-1.90	-4.41	1	
27	03 Mar 2022	40.50	43.100	4.35		-2.60	-6.03	1	
28	05 Mar 2022	39.10	43.100	4.35		-4.00	-9.28	1	
29	08 Mar 2022	33.90	43.100	4.35	-2SD	-9.20	-21.35	1	

QC Graph - XL-640

30	09 Mar 2022	34.40	43.100	4.35	-1SD	-8.70	-20.19	2	
31	10 Mar 2022	36.90	43.100	4.35	-1SD	-6.20	-14.39	1	
32	14 Mar 2022	36.90	43.100	4.35	-1SD	-6.20	-14.39	1	
33	16 Mar 2022	35.50	43.100	4.35	-1SD	-7.60	-17.63	1	
34	17 Mar 2022	36.60	43.100	4.35	-1SD	-6.50	-15.08	1	
35	18 Mar 2022	36.20	43.100	4.35	-1SD	-6.90	-16.01	1	

QC Graph - XL-640

BIORAD L2 26482 High 26480

Sr.#	Date	Result	Mean	SD	Deviation	Dev%	Error %	Batch	QC Remarks
1	01 Jan 2022	166.10	203.000	21.00	-1SD	-36.90	-18.18	1	
2	04 Jan 2022	167.20	203.000	21.00	-1SD	-35.80	-17.64	1	
3	06 Jan 2022	167.90	203.000	21.00	-1SD	-35.10	-17.29	1	
4	10 Jan 2022	169.30	203.000	21.00	-1SD	-33.70	-16.60	1	
5	12 Jan 2022	168.60	203.000	21.00	-1SD	-34.40	-16.95	1	
6	12 Jan 2022	177.10	203.000	21.00	-1SD	-25.90	-12.76	3	
7	14 Jan 2022	162.80	203.000	21.00	-1SD	-40.20	-19.80	1	
8	17 Jan 2022	162.80	203.000	21.00	-1SD	-40.20	-19.80	1	
9	17 Jan 2022	170.50	203.000	21.00	-1SD	-32.50	-16.01	2	
10	19 Jan 2022	156.50	203.000	21.00	-2SD	-46.50	-22.91	1	
11	21 Jan 2022	160.70	203.000	21.00	-2SD	-42.30	-20.84	1	
12	24 Jan 2022	162.40	203.000	21.00	-1SD	-40.60	-20.00	1	
13	27 Jan 2022	160.00	203.000	21.00	-2SD	-43.00	-21.18	1	
14	29 Jan 2022	161.40	203.000	21.00	-1SD	-41.60	-20.49	1	
15	01 Feb 2022	168.70	203.000	21.00	-1SD	-34.30	-16.90	1	
16	02 Feb 2022	168.00	203.000	21.00	-1SD	-35.00	-17.24	2	
17	04 Feb 2022	166.60	203.000	21.00	-1SD	-36.40	-17.93	1	
18	07 Feb 2022	167.00	203.000	21.00	-1SD	-36.00	-17.73	1	
19	09 Feb 2022	163.80	203.000	21.00	-1SD	-39.20	-19.31	1	
20	11 Feb 2022	165.90	203.000	21.00	-1SD	-37.10	-18.28	1	
21	15 Feb 2022	166.30	203.000	21.00	-1SD	-36.70	-18.08	1	
22	17 Feb 2022	162.10	203.000	21.00	-1SD	-40.90	-20.15	1	
23	19 Feb 2022	167.30	203.000	21.00	-1SD	-35.70	-17.59	1	
24	22 Feb 2022	172.90	203.000	21.00	-1SD	-30.10	-14.83	1	
25	24 Feb 2022	175.00	203.000	21.00	-1SD	-28.00	-13.79	1	
26	26 Feb 2022	170.80	203.000	21.00	-1SD	-32.20	-15.86	1	
27	02 Mar 2022	173.60	203.000	21.00	-1SD	-29.40	-14.48	1	
28	04 Mar 2022	170.50	203.000	21.00	-1SD	-32.50	-16.01	1	
29	07 Mar 2022	174.30	203.000	21.00	-1SD	-28.70	-14.14	1	
30	09 Mar 2022	165.90	203.000	21.00	-1SD	-37.10	-18.28	1	
31	09 Mar 2022	179.50	203.000	21.00	-1SD	-23.50	-11.58	2	
32	09 Mar 2022	169.60	203.000	21.00	-1SD	-33.40	-16.45	2	
33	11 Mar 2022	177.70	203.000	21.00	-1SD	-25.30	-12.46	1	

QC Graph - XL-640

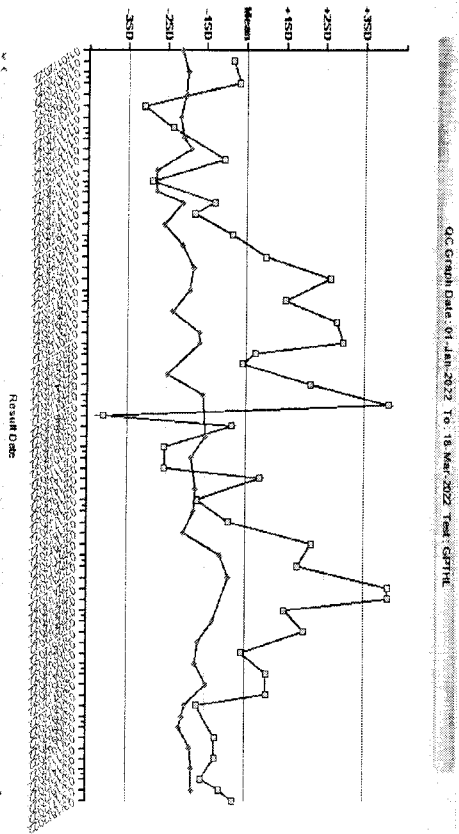
34	15 Mar 2022	179.10	203.000	21.00	-1SD		-23.90	-11.77	1	
35	17 Mar 2022	176.60	203.000	21.00	-1SD		-26.40	-13.00	1	

QC Graph - XL-640

QC Graph - XL-640

Test : GPTHL
 Control : BIORAD L1 26481 / BIORAD L2 26482
 Level : Low / High
 Lot No. : 26481 / 26480
 Batch No. : ---

Date From : 01-Jan-2022
 Date To : 18-Mar-2022



Sr #	Date	Result	Mean	SD	Deviation	Dev %	Error %	Batch	QC Remarks
1	03 Jan 2022	23.90	24.700	2.40		-0.80	-3.24	1	
2	05 Jan 2022	24.30	24.700	2.40		-0.40	-1.62	1	
3	07 Jan 2022	18.50	24.700	2.40	-2SD	-6.20	-25.10	1	
4	11 Jan 2022	20.20	24.700	2.40	-1SD	-4.50	-18.22	1	
5	13 Jan 2022	23.40	24.700	2.40		-1.30	-5.26	1	
6	15 Jan 2022	19.00	24.700	2.40	-2SD	-5.70	-23.08	1	
7	17 Jan 2022	22.80	24.700	2.40		-1.90	-7.69	3	
8	18 Jan 2022	21.60	24.700	2.40	-1SD	-3.10	-12.55	1	
9	20 Jan 2022	23.90	24.700	2.40		-0.80	-3.24	1	
10	22 Jan 2022	25.90	24.700	2.40		1.20	4.86	1	
11	25 Jan 2022	29.80	24.700	2.40	+2SD	5.10	20.65	1	
12	28 Jan 2022	27.10	24.700	2.40		2.40	9.72	1	
13	31 Jan 2022	30.20	24.700	2.40	+2SD	5.50	22.27	1	
14	02 Feb 2022	30.60	24.700	2.40	+2SD	5.90	23.89	1	
15	02 Feb 2022	25.30	24.700	2.40		0.60	2.43	2	
16	03 Feb 2022	24.50	24.700	2.40		-0.20	-0.81	1	
17	05 Feb 2022	28.60	24.700	2.40	+1SD	3.90	15.79	1	
18	08 Feb 2022	37.30	24.700	2.40	+3SD	12.60	51.01	1	
19	09 Feb 2022	14.90	24.700	2.40	-3SD	-9.80	-39.66	2	
20	08 Feb 2022	23.90	24.700	2.40		-0.80	-3.24	4	
21	10 Feb 2022	19.80	24.700	2.40	-2SD	-4.90	-19.84	1	
22	14 Feb 2022	19.80	24.700	2.40	-2SD	-4.90	-19.84	2	
23	14 Feb 2022	25.60	24.700	2.40		0.90	3.64	4	
24	16 Feb 2022	21.80	24.700	2.40	-1SD	-2.90	-11.74	1	
25	18 Feb 2022	23.70	24.700	2.40		-1.00	-4.05	1	
26	21 Feb 2022	28.70	24.700	2.40	+1SD	4.00	16.19	1	
27	23 Feb 2022	27.90	24.700	2.40	+1SD	3.20	12.96	1	
28	25 Feb 2022	32.10	24.700	2.40	+3SD	7.40	29.96	1	
29	25 Feb 2022	33.20	24.700	2.40	+3SD	8.50	34.41	2	

QC Graph - XL-640

30	25 Feb 2022	27.10	24.700	2.40	2.40	2.40	9.72	3
31	28 Feb 2022	28.30	24.700	2.40	+1SD	3.60	14.57	1
32	03 Mar 2022	24.50	24.700	2.40		-0.20	-0.81	1
33	05 Mar 2022	26.00	24.700	2.40		1.30	5.26	1
34	08 Mar 2022	26.00	24.700	2.40		1.30	5.26	1
35	09 Mar 2022	21.80	24.700	2.40	-1SD	-2.90	-11.74	2
36	10 Mar 2022	22.90	24.700	2.40		-1.80	-7.29	1
37	14 Mar 2022	22.90	24.700	2.40		-1.80	-7.29	1
38	16 Mar 2022	22.10	24.700	2.40	-1SD	-2.60	-10.53	1
39	17 Mar 2022	23.20	24.700	2.40		-1.50	-6.07	1
40	18 Mar 2022	24.00	24.700	2.40		-0.70	-2.83	1

QC Graph - XL-640

Sr #	Date	Result	Mean	SD	Deviation	Dev %	Error %	Batch	QC Remarks
1	01 Jan 2022	75.40	90.100	9.00	-1SD	-14.70	-16.32	1	
2	04 Jan 2022	76.60	90.100	9.00	-1SD	-13.50	-14.98	1	
3	06 Jan 2022	76.20	90.100	9.00	-1SD	-13.90	-15.43	1	
4	10 Jan 2022	75.00	90.100	9.00	-1SD	-15.10	-16.76	1	
5	12 Jan 2022	75.80	90.100	9.00	-1SD	-14.30	-15.87	1	
6	12 Jan 2022	77.60	90.100	9.00	-1SD	-12.50	-13.87	3	
7	14 Jan 2022	69.70	90.100	9.00	-2SD	-20.40	-22.64	1	
8	17 Jan 2022	69.70	90.100	9.00	-2SD	-20.40	-22.64	1	
9	17 Jan 2022	75.70	90.100	9.00	-1SD	-14.40	-15.98	2	
10	19 Jan 2022	71.40	90.100	9.00	-2SD	-18.70	-20.75	1	
11	21 Jan 2022	75.70	90.100	9.00	-1SD	-14.40	-15.98	1	
12	24 Jan 2022	78.10	90.100	9.00	-1SD	-12.00	-13.32	1	
13	27 Jan 2022	77.30	90.100	9.00	-1SD	-12.80	-14.21	1	
14	29 Jan 2022	73.40	90.100	9.00	-1SD	-16.70	-18.53	1	
15	01 Feb 2022	79.60	90.100	9.00	-1SD	-10.50	-11.65	1	
16	02 Feb 2022	79.70	90.100	9.00	-1SD	-10.40	-11.54	2	
17	04 Feb 2022	72.20	90.100	9.00	-1SD	-17.90	-19.87	1	
18	07 Feb 2022	80.50	90.100	9.00	-1SD	-9.60	-10.65	1	
19	09 Feb 2022	81.10	90.100	9.00		-9.00	-9.99	1	
20	11 Feb 2022	77.80	90.100	9.00	-1SD	-12.30	-13.65	1	
21	15 Feb 2022	78.80	90.100	9.00	-1SD	-11.30	-12.54	1	
22	17 Feb 2022	78.40	90.100	9.00	-1SD	-11.70	-12.99	1	
23	19 Feb 2022	76.10	90.100	9.00	-1SD	-14.00	-15.54	1	
24	22 Feb 2022	84.50	90.100	9.00		-5.60	-6.22	1	
25	24 Feb 2022	86.40	90.100	9.00		-3.70	-4.11	1	
26	26 Feb 2022	82.90	90.100	9.00		-7.20	-7.99	1	
27	02 Mar 2022	79.50	90.100	9.00	-1SD	-10.60	-11.76	1	
28	04 Mar 2022	78.80	90.100	9.00	-1SD	-11.30	-12.54	1	
29	07 Mar 2022	81.40	90.100	9.00		-8.70	-9.66	1	
30	09 Mar 2022	76.50	90.100	9.00	-1SD	-13.60	-15.09	1	
31	09 Mar 2022	75.90	90.100	9.00	-1SD	-14.20	-15.76	2	
32	09 Mar 2022	75.20	90.100	9.00	-1SD	-14.90	-16.54	2	
33	11 Mar 2022	77.80	90.100	9.00	-1SD	-12.30	-13.65	1	

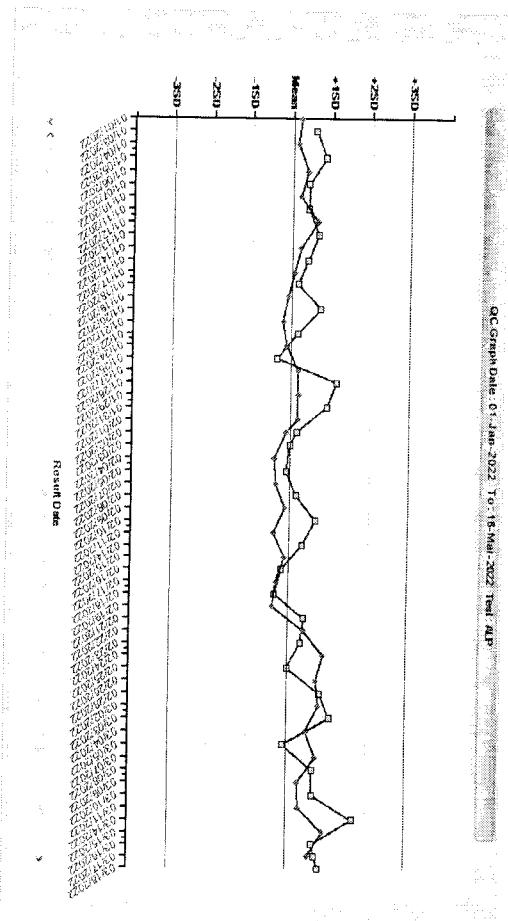
QC Graph - XL-640

34	15 Mar 2022	78.10	90.100	9.00	-1SD	-12.00	-13.32	1	
35	17 Mar 2022	78.10	90.100	9.00	-1SD	-12.00	-13.32	1	

QC Graph - XL-640

Test : ALP
 Control : BIORAD L1 26481 / BIORAD L2 26482
 Level : Low / High
 Lot No. : 26481 / 26480
 Batch No. : ----

Date From : 01-Jan-2022
 Date To : 18-Mar-2022



QC Graph - XL-640

BIORAD L1 26481 Low 26481

Sr #	Date	Result	Mean	SD	Deviation	Dev%	Error %	Batch	QC Remarks
1	03 Jan 2022	133.00	126.000	12.00		7.00	5.56	1	
2	05 Jan 2022	136.00	126.000	12.00		10.00	7.94	1	
3	07 Jan 2022	131.00	126.000	12.00		5.00	3.97	1	
4	11 Jan 2022	131.00	126.000	12.00		5.00	3.97	1	
5	13 Jan 2022	134.00	126.000	12.00		8.00	6.35	1	
6	15 Jan 2022	131.00	126.000	12.00		5.00	3.97	1	
7	18 Jan 2022	128.00	126.000	12.00		2.00	1.59	1	
8	20 Jan 2022	136.00	126.000	12.00		9.00	7.14	1	
9	22 Jan 2022	128.00	126.000	12.00		2.00	1.59	1	
10	25 Jan 2022	122.00	126.000	12.00		-4.00	-3.17	1	
11	28 Jan 2022	140.00	126.000	12.00 +1SD		14.00	11.11	1	
12	31 Jan 2022	137.00	126.000	12.00		11.00	8.73	1	
13	02 Feb 2022	128.00	126.000	12.00		2.00	1.59	1	
14	03 Feb 2022	126.00	126.000	12.00		0.00	0.00	1	
15	05 Feb 2022	125.00	126.000	12.00		-1.00	-0.79	1	
16	08 Feb 2022	128.00	126.000	12.00		2.00	1.59	1	
17	10 Feb 2022	134.00	126.000	12.00		8.00	6.35	1	
18	14 Feb 2022	130.00	126.000	12.00		4.00	3.17	2	
19	16 Feb 2022	124.00	126.000	12.00		-2.00	-1.59	1	
20	18 Feb 2022	122.00	126.000	12.00		-4.00	-3.17	1	
21	21 Feb 2022	131.00	126.000	12.00		5.00	3.97	1	
22	23 Feb 2022	130.00	126.000	12.00		4.00	3.17	1	
23	25 Feb 2022	126.00	126.000	12.00		0.00	0.00	1	
24	28 Feb 2022	136.00	126.000	12.00		10.00	7.94	1	
25	03 Mar 2022	139.00	126.000	12.00 +1SD		13.00	10.32	1	
26	05 Mar 2022	125.00	126.000	12.00		-1.00	-0.79	1	
27	08 Mar 2022	134.00	126.000	12.00		8.00	6.35	1	
28	10 Mar 2022	134.00	126.000	12.00		8.00	6.35	1	
29	14 Mar 2022	146.00	126.000	12.00 +1SD		20.00	15.87	1	

QC Graph - XL-640

30	16 Mar 2022	134.00	126.000	12.00		8.00	6.35	1	
31	17 Mar 2022	135.00	126.000	12.00		9.00	7.14	1	
32	18 Mar 2022	136.00	126.000	12.00		10.00	7.94	1	

QC Graph - XL-640

BIORAD L2 26482 High 26480

Sr #	Date	Result	Mean	SD	Deviation	Dev %	Error %	Batch	QC Remarks
1	01 Jan 2022	538.00	527.000	52.50		11.00	2.09	1	
2	04 Jan 2022	534.00	527.000	52.50		7.00	1.33	1	
3	06 Jan 2022	547.00	527.000	52.50		20.00	3.80	1	
4	10 Jan 2022	538.00	527.000	52.50		11.00	2.09	1	
5	12 Jan 2022	561.00	527.000	52.50		34.00	6.45	1	
6	14 Jan 2022	539.00	527.000	52.50		12.00	2.28	1	
7	17 Jan 2022	531.00	527.000	52.50		4.00	0.76	1	
8	19 Jan 2022	523.00	527.000	52.50		-4.00	-0.76	1	
9	21 Jan 2022	516.00	527.000	52.50		-11.00	-2.09	1	
10	24 Jan 2022	522.00	527.000	52.50		-5.00	-0.95	1	
11	27 Jan 2022	537.00	527.000	52.50		10.00	1.90	1	
12	29 Jan 2022	537.00	527.000	52.50		10.00	1.90	1	
13	01 Feb 2022	537.00	527.000	52.50		10.00	1.90	1	
14	02 Feb 2022	522.00	527.000	52.50		-5.00	-0.95	2	
15	04 Feb 2022	507.00	527.000	52.50		-20.00	-3.80	1	
16	07 Feb 2022	509.00	527.000	52.50		-18.00	-3.42	1	
17	09 Feb 2022	521.00	527.000	52.50		-6.00	-1.14	1	
18	11 Feb 2022	507.00	527.000	52.50		-20.00	-3.80	1	
19	15 Feb 2022	522.00	527.000	52.50		-5.00	-0.95	1	
20	17 Feb 2022	511.00	527.000	52.50		-16.00	-3.04	1	
21	19 Feb 2022	507.00	527.000	52.50		-20.00	-3.80	1	
22	22 Feb 2022	548.00	527.000	52.50		21.00	3.98	1	
23	24 Feb 2022	575.00	527.000	52.50		48.00	9.11	1	
24	26 Feb 2022	566.00	527.000	52.50		39.00	7.40	1	
25	02 Mar 2022	570.00	527.000	52.50		43.00	8.16	1	
26	04 Mar 2022	553.00	527.000	52.50		26.00	4.93	1	
27	07 Mar 2022	566.00	527.000	52.50		39.00	7.40	1	
28	09 Mar 2022	543.00	527.000	52.50		16.00	3.04	1	
29	11 Mar 2022	544.00	527.000	52.50		17.00	3.23	1	
30	15 Mar 2022	576.00	527.000	52.50		49.00	9.30	1	
31	17 Mar 2022	557.00	527.000	52.50		30.00	5.69	1	