

Date:01/07/2020

CALIBRATION REPORT

Customer Name: FATIMA HOSPITAL

Model:Fully Automated Bio-Chemistry Analyzer EM-200

Serial No.:B2001646

Calibration done date: 01/07/2020

Next Calibration due Date: 01/07/2021

Lab In charge: Dr. Aditi Kumar

*This is to certify that above mentioned product has been verified of calibration
By
Checking Lamp Voltage 11.8V*

Checking gain of Photo meter for all wavelength values obtained are as under:

Filter	340	405	505	546	578	600	660	700
Gain	676	547	455	462	475	480	488	490

Checked calibration of probe on all locations.

*Checked temperature at Reagent tray at 8.0 degree (Range 4 to 11 degree) and
reaction tray 37.2 degree (Range 36.5 to 37.5 Degree)*

*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. Shivarchan Pandey

Authorized Signatory
(Mr. Shivarchan Pandey)
Application Specialist
For Transasia Bio-Medicals Ltd.

Calibration - EM 200

Test : CHOL

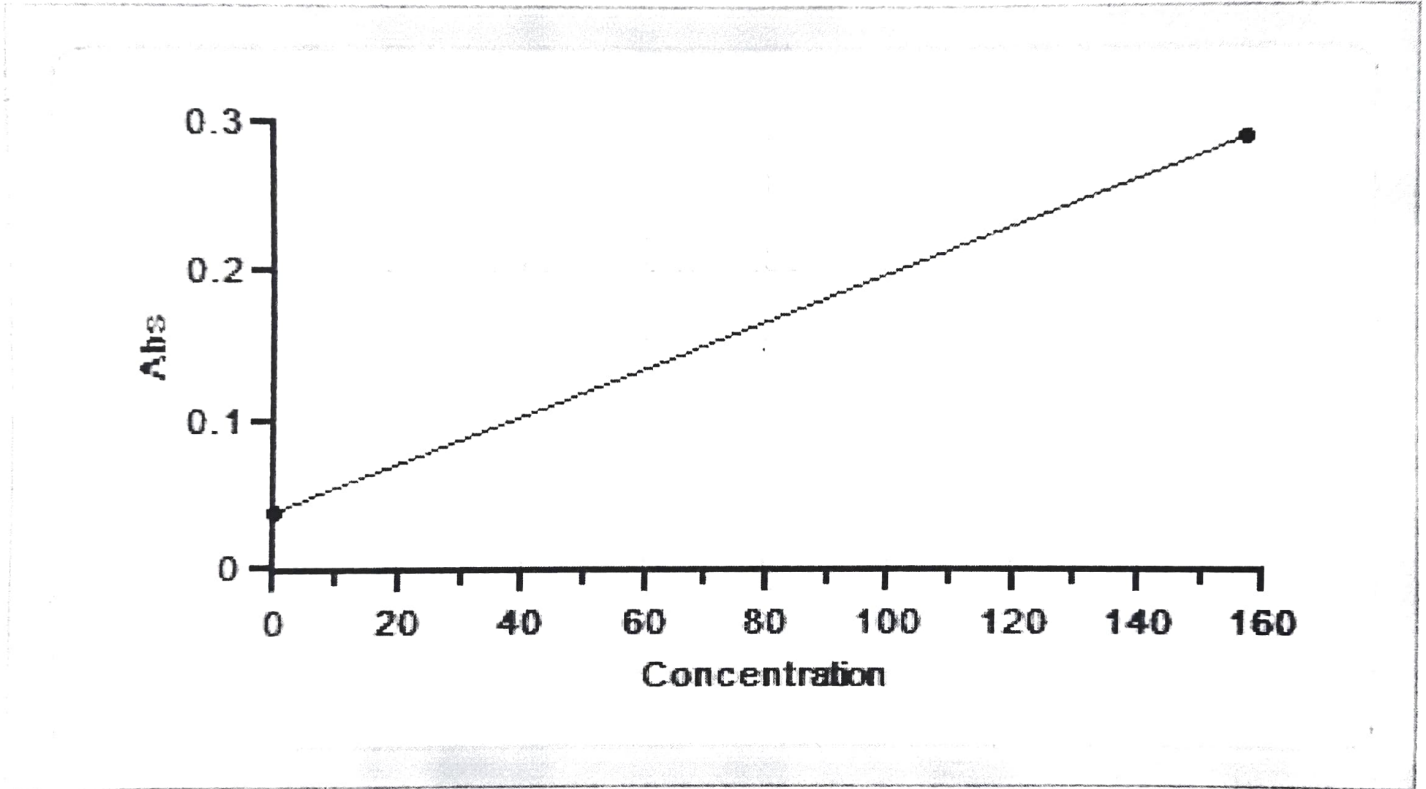
Curve Type : Linear

R1 Lot No : S102023-044

Calibration Date : 29-May-2021 15:29:53

R2 Lot No : ---

Last Calibration Date : 29-May-2021 15:29:53



Pos	Consumable	LotNo.	Conc	Abs	Factor
-	Blank	5456464	0.000	0.0384	0.0000
-	MULTI CAL	2005093D	157.000	0.2877	629.6371

Calibration - EM 200

Test : SGPTD

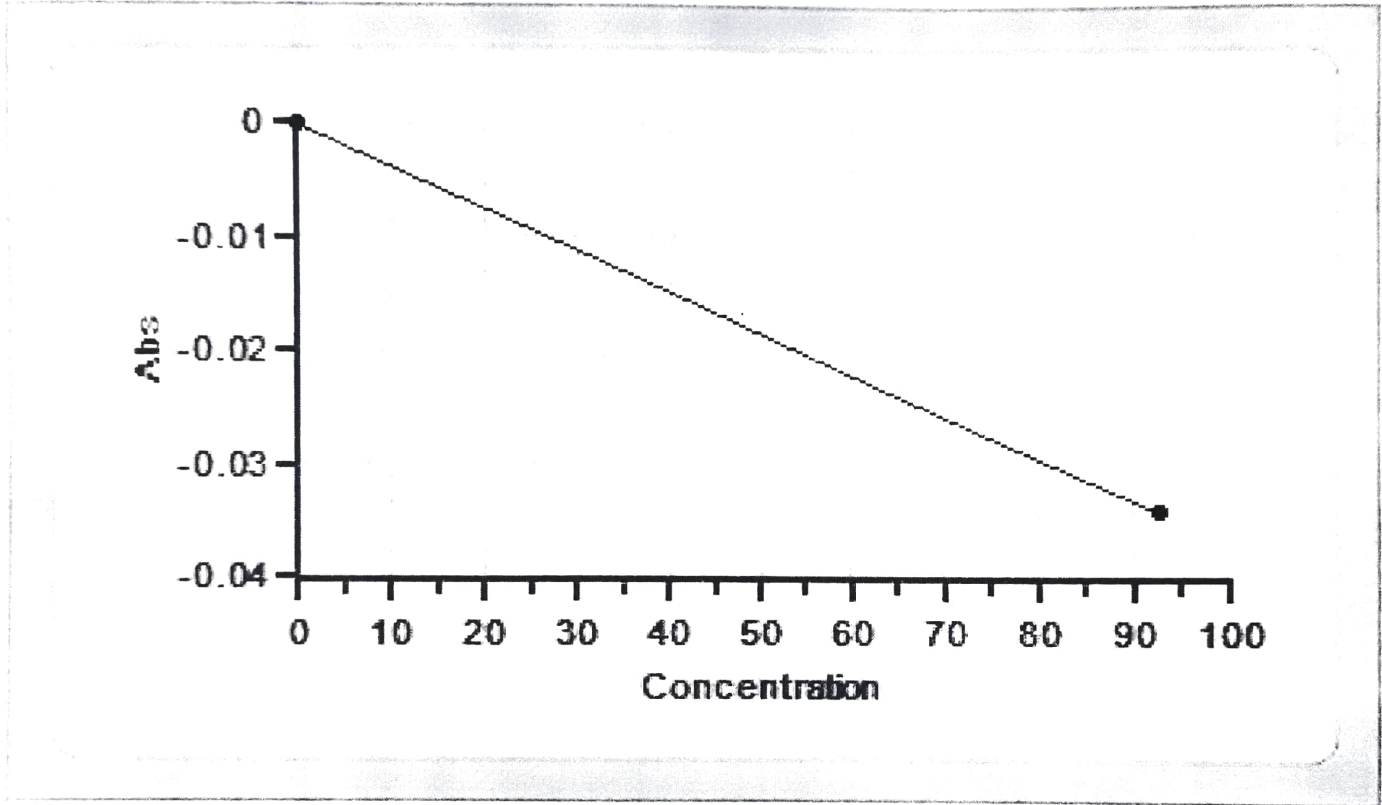
Curve Type : Linear

R1 Lot No : B092065-038

Calibration Date : 22-Feb-2021 10:56:14

R2 Lot No : B092065-038

Last Calibration Date : 22-Feb-2021 10:56:14



Pos	Consumable	LotNo.	Conc	Delta Abs/Min	Factor
-	Blank	5456464	0.000	-0.0001	0.0000
-	MULTI CAL	2005093D	92.700	-0.0342	-2,718.4751

Calibration - EM 200

Test CRENZ

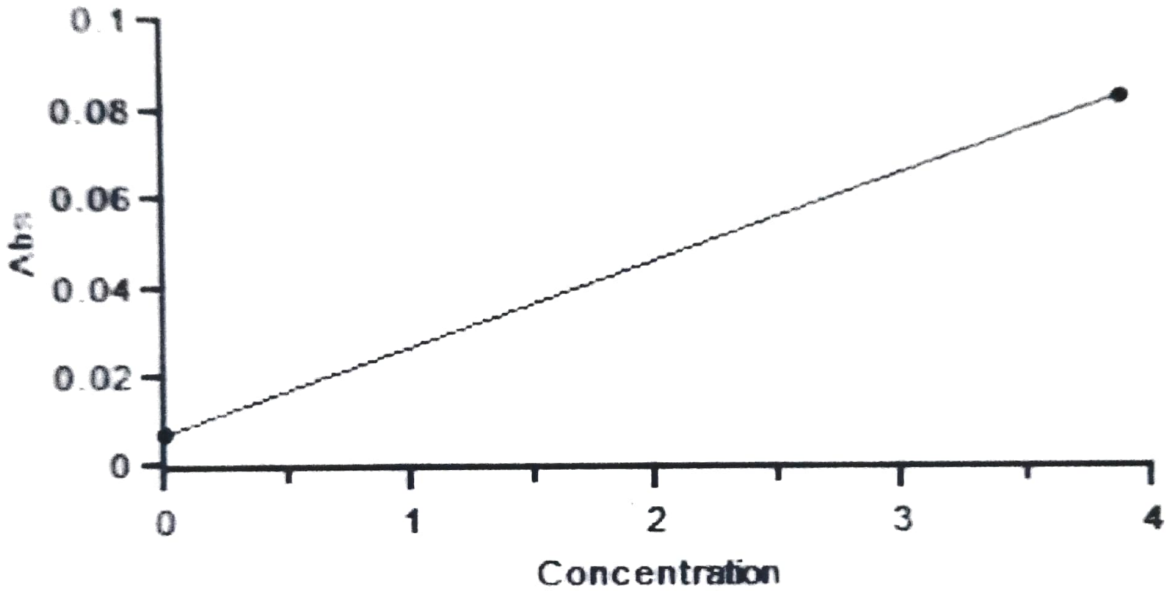
Curve Type Linear

R1 Lot No S102036-042

Calibration Date 29-May-2021 15:24:10

R2 Lot No S102036-042

Last Calibration Date 29-May-2021 15:24:10



Pos	Consumable	LotNo.	Conc	Abs	Factor
-	Blank	5456464	0.000	0.0069	0.0000
-	MULTI CAL	2005093D	3.880	0.0827	51.1536

Result Reprint

Report Type : Controls 01-Jul-2021

Str #	Lot #	Consumable	Test	Result Unit	Flag	Curve #	Result Date	Mean	SD	Interval (3SD)
1	26471	BIORAD L1	SGPTD	25.6 U/L		94802	1-Jul-2021 10:17:20	25.200	3.000	16.2 - 34.2
2	26472	BIORAD L2	SGPTD	96.2 U/L		94803	1-Jul-2021 10:17:38	94.000	9.500	65.5 - 122.5
3	26471	BIORAD L1	SGOTD	38.0 U/L		94804	1-Jul-2021 10:17:56	37.800	3.750	26.55 - 49.05
4	26472	BIORAD L2	SGOTD	204.4 U/L		94805	1-Jul-2021 10:18:14	197.000	19.500	138.5 - 255.5
5	26471	BIORAD L1	ALPU	133 U/L		94806	1-Jul-2021 10:18:32	134.000	13.500	93.5 - 174.5
6	26472	BIORAD L2	ALPU	521 U/L		94807	1-Jul-2021 10:18:50	558.000	55.500	391.5 - 724.5
7	26471	BIORAD L1	AMY	49 U/L	-1SD	94808	1-Jul-2021 10:19:09	56.800	5.700	39.7 - 73.9
8	26472	BIORAD L2	AMY	385 U/L		94809	1-Jul-2021 10:19:27	389.000	39.000	272 - 506
9	26471	BIORAD L1	PHOS	4.25 mg/dl	+1SD	94810	1-Jul-2021 10:19:45	3.840	0.290	2.97 - 4.71
10	26472	BIORAD L2	PHOS	7.56 mg/dl		94811	1-Jul-2021 10:20:03	7.100	0.600	5.3 - 8.9
11	26471	BIORAD L1	BID	0.34 mg/dl		94812	1-Jul-2021 10:20:21	0.350	0.050	0.2 - 0.5
12	26472	BIORAD L2	BID	0.78 mg/dl		94813	1-Jul-2021 10:20:39	0.800	0.110	0.47 - 1.13
13	26471	BIORAD L1	BIT	0.93 mg/dl		94814	1-Jul-2021 10:20:57	0.940	0.120	0.58 - 1.3
14	26472	BIORAD L2	BIT	4.45 mg/dl		94815	1-Jul-2021 10:21:15	4.360	0.540	2.74 - 5.98
15	26471	BIORAD L1	UREA	33.7 mg/dl		94816	1-Jul-2021 10:21:33	33.900	3.000	24.9 - 42.9
16	26472	BIORAD L2	UREA	97.4 mg/dl	-1SD	94817	1-Jul-2021 10:21:51	105.000	7.500	82.5 - 127.5
17	26471	BIORAD L1	CRENZ	1.90 mg/dl		94818	1-Jul-2021 10:22:09	1.760	0.180	1.22 - 2.3

Result Reprint

Report Type : Controls 01-Jul-2021

Sr #	Lot #	Consumable	Test	Result Unit	Flag	Curve #	Result Date	Mean	SD	Interval (3SD)
18	26472	BIORAD L2	CRENZ	5.24 mg/dl		94819	1-Jul-2021 10:22:27	5.220	0.530	3.63 - 6.81
19	26471	BIORAD L1	GLU	84.6 mg/dl		94820	1-Jul-2021 10:23:57	89.700	6.700	69.6 - 109.8
20	26472	BIORAD L2	GLU	279.2 mg/dl		94821	1-Jul-2021 10:24:15	293.000	22.500	225.5 - 360.5
21	26471	BIORAD L1	TRIG	198.5 mg/dl	HVI	94822	1-Jul-2021 10:24:33	187.000	14.000	145 - 229
22	26472	BIORAD L2	TRIG	95.6 mg/dl	HVI	94823	1-Jul-2021 10:24:51	103.000	7.500	80.5 - 125.5
23	26471	BIORAD L1	CHOL	278 mg/dl		94824	1-Jul-2021 10:25:09	259.000	19.500	200.5 - 317.5
24	26472	BIORAD L2	CHOL	122 mg/dl	+2SD	94825	1-Jul-2021 10:25:28	104.000	8.000	80 - 128
25	26471	BIORAD L1	HDLC	66.5 mg/dl		94826	1-Jul-2021 10:25:45	63.600	6.300	44.7 - 82.5
26	26472	BIORAD L2	HDLC	26.3 mg/dl		94827	1-Jul-2021 10:26:04	24.200	2.400	17 - 31.4
27	26471	BIORAD L1	UA	5.4 mg/dl		94828	1-Jul-2021 10:26:22	5.170	0.400	3.97 - 6.37
28	26472	BIORAD L2	UA	11.1 mg/dl		94829	1-Jul-2021 10:26:40	11.100	0.900	8.4 - 13.8
29	26471	BIORAD L1	ALBD	3.89 g/dl	-1SD,HVI	94830	1-Jul-2021 10:26:58	4.230	0.310	3.3 - 5.16
30	26472	BIORAD L2	ALBD	2.54 g/dl	-1SD,HVI	94831	1-Jul-2021 10:27:16	2.860	0.250	2.11 - 3.61
31	26471	BIORAD L1	PRO	6.79 g/dl		94832	1-Jul-2021 10:27:34	7.050	0.530	5.46 - 8.64
32	26472	BIORAD L2	PRO	4.23 g/dl		94833	1-Jul-2021 10:27:52	4.520	0.350	3.47 - 5.57