DiaSys Diagnostics India Private Limited
229, FIA, Patparganj Industrial Area,
Ground and First Floor,
New Delhi -110092

Calibration Certificate

Following voltages have been checked & adjusted on DiaSys SYS 200 Pro (Sl. No. SYS20220404) at Krsnaa Diagnostics – Pathankot,Punjab

Calibration Report:

System voltages are in the specified range – Checked by Digital Multimeter are as below:

S.No.	Module	Observed Value	Acceptable Range
1	Power supply board o/p	+24.1 VDC	+24.0 +/- 0.5 VDC
		+05.0 VDC	+05.0 +/- 0.2 VDC
2	Lamp voltage	+12.1 VDC	12.0 +/- 0.5 VDC

System Temperature values are in the specified range –Checked by Digital Thermometer are as below:

S.No.	Module	Observed Value	Acceptable Range
1	Reaction Disk Temp	37.0 C	37.0 C +/- 0.3 C

Photometer Adjustment Values are within range as recommended:

S.No.	Module	Observed Value	Acceptable Range
1	ADC Count for all Wavelengths	10,240 to 10,300	8000 to 18,000

- All other mechanisms have been checked through field service program & Software, found OK.
- Performed calibration for End Point, Kinetic & Fixed Time Kinetic. Run control & sample. Results were satisfactory.
- Next Calibration will be performed on 20/06/2024.

For DiaSys Diagnostics India Pvt. Ltd.

Asmat Sami

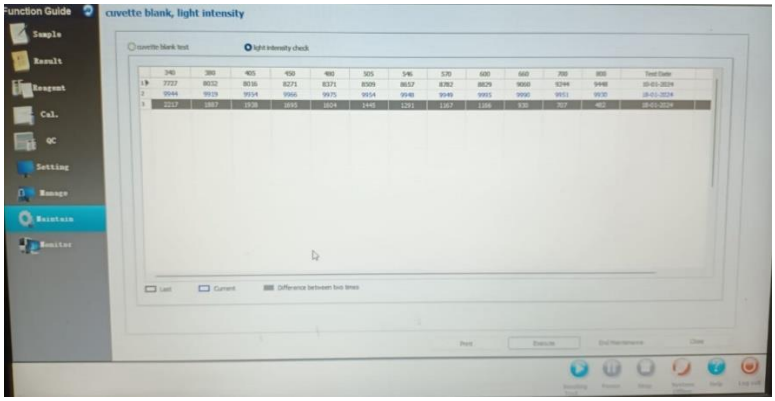
Date: 20/06/2023

Regional Service Manager
www.DiaSys-Diagnostic.com
Contact: 022 3371 4323
Toll Free: 1800 120 1447

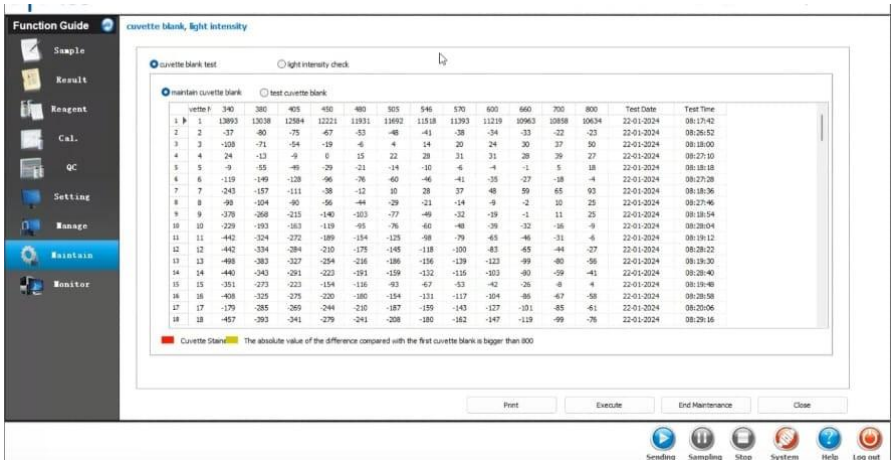
DiaSys Diagnostics India Private Limited
Plot No. A-821, TTC Indl. Area.
Mahape , Navi Mumbai – 400 710
Maharashtra, India.

Date: 20/06/2023

Light Quantity Check up for all wavelength and found all in range



Cuvette Blank test for all cuvettes found in range



Calibration Result

Item	S1 Abs.	K	A	B	C	Status	Calibration Time
ALB	0.1131	11.508	0	0	0	Succeed	2023.09.07 09:49:00
ALP	0.00125	3058.0205	0	0	0	Succeed	2024.01.12 09:49:59
ALT	-0.00095	-3438.1625	0	0	0	Succeed	2023.09.13 10:27:16
AMY	0	0	0	0	0		2023.01.19 11:08:52
AST	-0.0014	-3500.8104	0	0	0	Succeed	2023.08.27 10:40:37
Ca	0.2014	20.696	0	0	0	Succeed	2023.12.10 20:33:53
CREAT JAFFE	0.00165	90.2761	0	0	0	Succeed	2024.01.03 09:33:05
CRP	0	0	0	0	0		2022.11.11 17:56:36
DBIL	0.0004	44.3447	0	0	0	Succeed	2023.06.14 08:56:05
GGT	0	0	0	0	0		2022.06.20 15:08:03
GLU	0.04405	256.7915	0	0	0	Succeed	2023.10.31 10:27:39
HDL-C	0.0127	343.0532	0	0	0	Succeed	2023.07.31 09:50:36
LDL-C	0.0288	376.5792	0	0	0	Succeed	2023.12.10 20:39:53
P	0	0	0	0	0		2022.06.20 15:08:03
RF	0	0	0	0	0		2022.11.11 17:50:37
TBIL	0.0293	90.8886	0	0	0	Succeed	2024.01.08 09:52:48
TC	0.0212	535.5372	0	0	0	Succeed	2023.06.15 09:08:07
TG	0.1274	692.1488	0	0	0	Succeed	2023.07.21 09:34:35
TP	0.00635	43.7526	0	0	0	Succeed	2023.09.11 09:50:26
UA	0.00495	102.8689	0	0	0	Succeed	2023.07.25 09:29:37
UREA	-0.0048	-1274.5682	0	0	0	Succeed	2023.12.08 09:14:30

Calibration Curve

Calibration Method: 2 Point Linear

Calibration Time: 27-06-2023 9:11:11

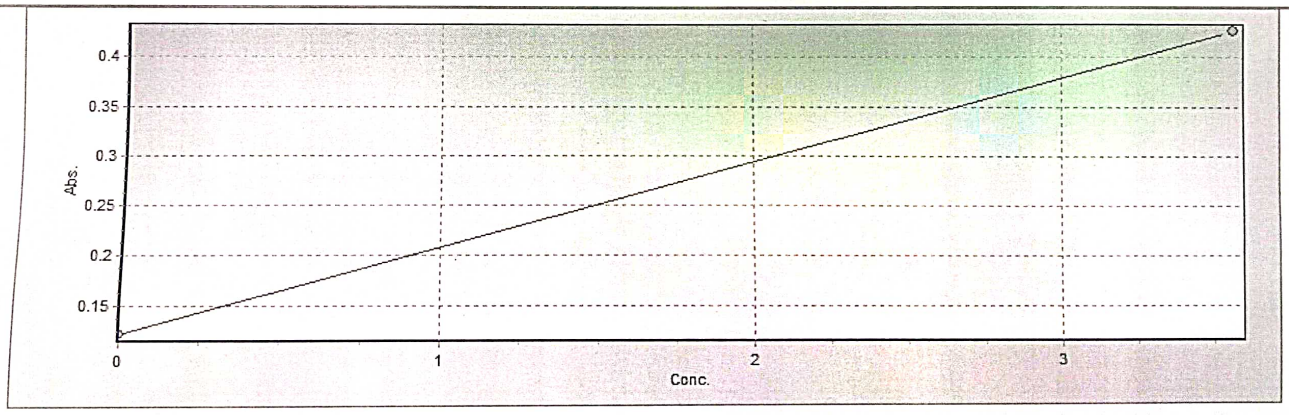
Test Item: ALB

Absorbance: 0.1227

Calibrator: 1

S1 Abs	K	A	B	C
0.1227	11.7028	0	0	0

Calibration	Concentration	Abs.	Calibration	Concentration	Abs.
1.	0	0.1131	6.	0	0
2.	3.56	0.42245	7.	0	0
3.	0	0	8.	0	0
4.	0	0	9.	0	0
5.	0	0	10.	0	0



Arjun 27/6/23

Print By: 1 Print Time: 24-01-2024 16:38:06

Calibration Curve

Calibration Method: 2 Point Linear

Calibration Time: 27-06-2023 9:44:59

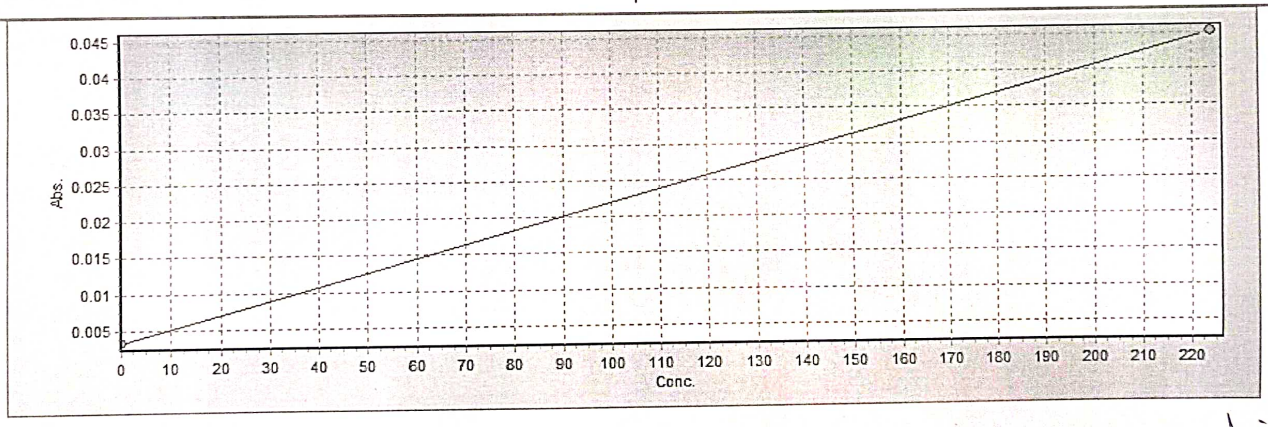
Test Item: ALP

Absorbance: 0.0033

Calibrator: 1

S1 Abs	K	A	B	C
0.0033	5352.4492	0	0	0

Calibration	Concentration	Abs.	Calibration	Concentration	Abs.
1.	0	0.00125	6.	0	0
2.	224	0.0745	7.	0	0
3.	0	0	8.	0	0
4.	0	0	9.	0	0
5.	0	0	10.	0	0



27/6/23

Print By: 1

Print Time: 24-01-2024 16:38:42

Calibration Curve

Calibration Method: 2 Point Linear

Test Item: ALT

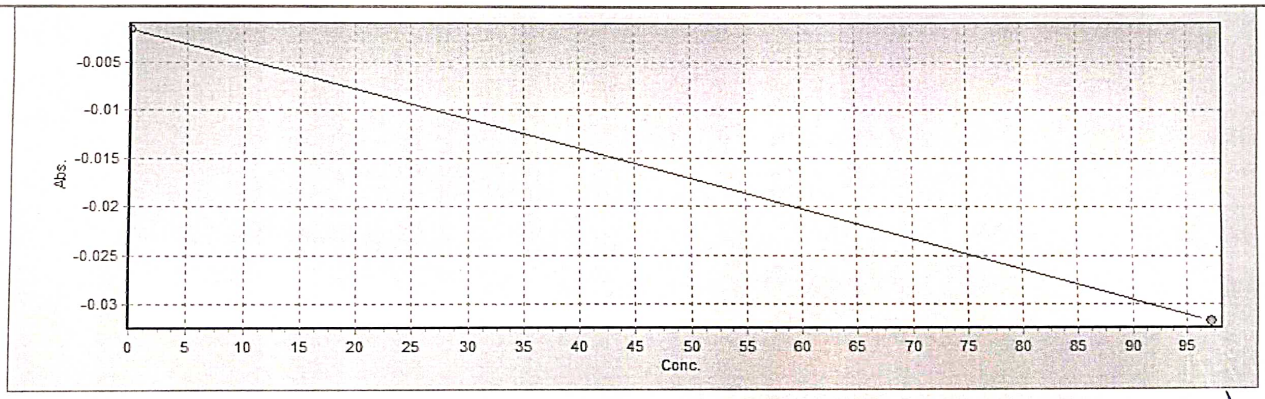
Calibrator: 1

Calibration Time: 13-06-2023 9:06:10

Absorbance: -0.0016

S1 Abs	K	A	B	C
-0.0016	-3227.1973	0	0	0

Calibration	Concentration	Abs.	Calibration	Concentration	Abs.
1.	0	-0.00095	6.	0	0
2.	97.3	-0.02925	7.	0	0
3.	0	0	8.	0	0
4.	0	0	9.	0	0
5.	0	0	10.	0	0



13/6/23

Print By: 1 Print Time: 24-01-2024 16:39:58

Calibration Curve

Calibration Method: 2 Point Linear

Test Item: DBIL

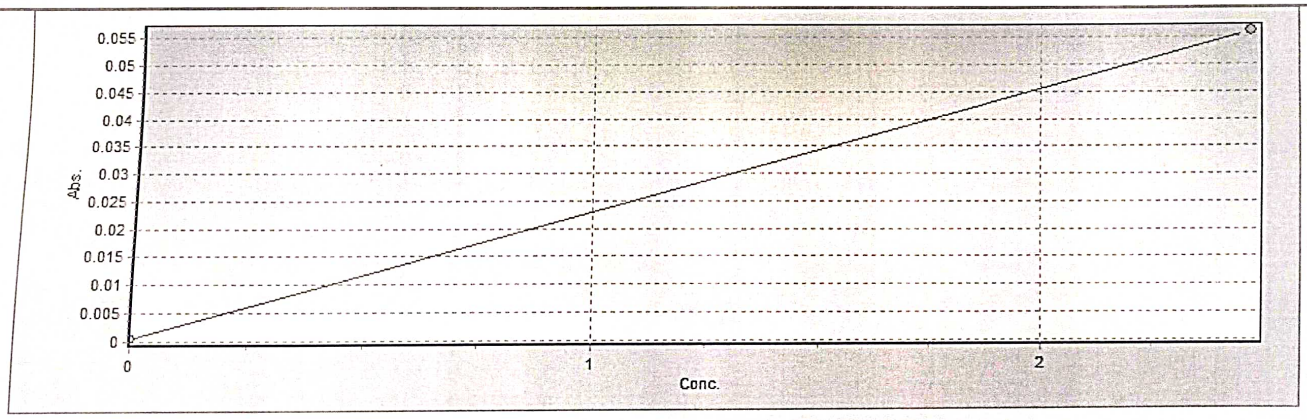
Calibrator: 1

Calibration Time: 14-06-2023 8:56:05

Absorbance: 0.0004

S1 Abs	K	A	B	C
0.0004	44.3447	0	0	0

Calibration	Concentration	Abs.	Calibration	Concentration	Abs.
1.	0	0.0004	6.	0	0
2.	2.47	0.0561	7.	0	0
3.	0	0	8.	0	0
4.	0	0	9.	0	0
5.	0	0	10.	0	0



14/6/23

Print By: 1 Print Time: 24-01-2024 16:41:45

Calibration Curve

Calibration Method: 2 Point Linear

Calibration Time: 11-06-2023 10:24:41

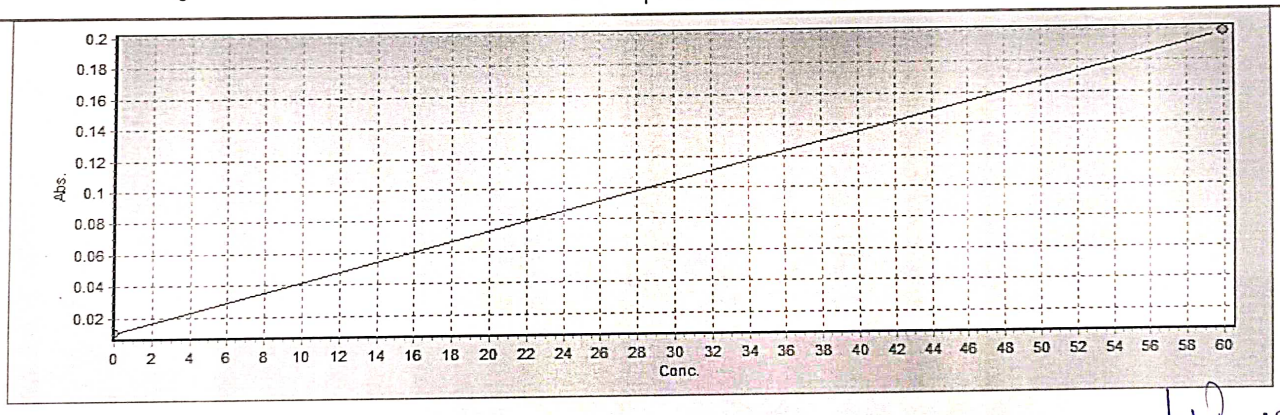
Test Item: HDL-C

Absorbance: 0.01045

Calibrator: 1

S1 Abs	K	A	B	C
0.01045	319.659	0	0	0

Calibration	Concentration	Abs.	Calibration	Concentration	Abs.
1.	0	0.0127	6.	0	0
2.	60.0	0.1876	7.	0	0
3.	0	0	8.	0	0
4.	0	0	9.	0	0
5.	0	0	10.	0	0



11/6/23

Print By: 1

Print Time: 24-01-2024 16:42:49

Calibration Curve

Calibration Method: 2 Point Linear

Calibration Time: 28-06-2023 9:55:48

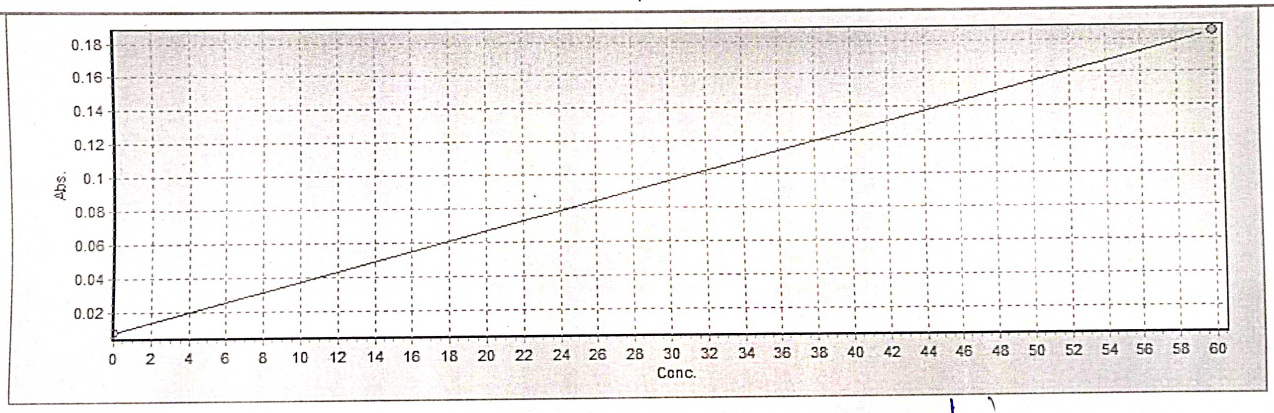
Test Item: HDL-C

Absorbance: 0.0077

Calibrator: 1

S1 Abs	K	A	B	C
0.0077	339.3665	0	0	0

Calibration	Concentration	Abs.	Calibration	Concentration	Abs.
1.	0	0.0127	6.	0	0
2.	60.0	0.1876	7.	0	0
3.	0	0	8.	0	0
4.	0	0	9.	0	0
5.	0	0	10.	0	0



28/6/23

Print By: 1

Print Time: 24-01-2024 16:42:57

Calibration Curve

Calibration Method: 2 Point Linear

Test Item: TBIL

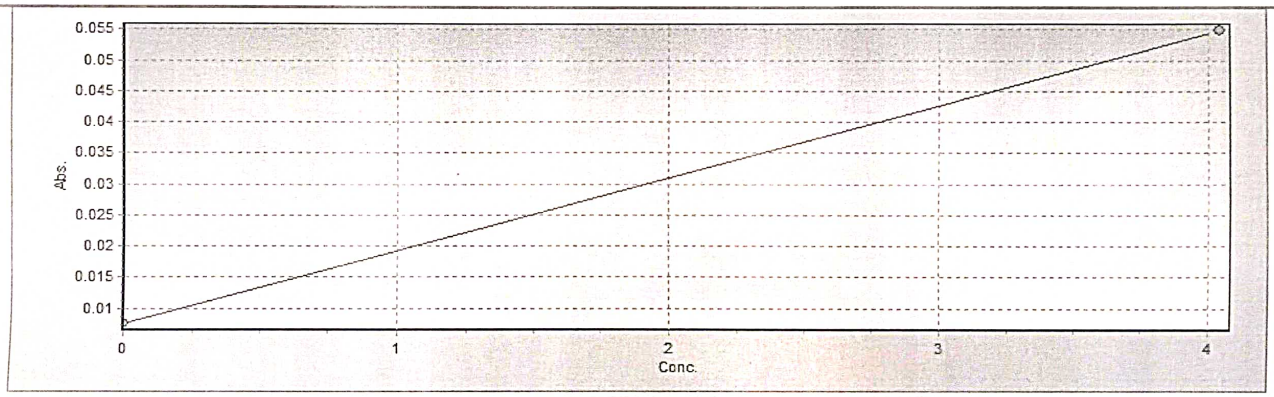
Calibrator: 1

Calibration Time: 25-06-2023 10:41:40

Absorbance: 0.00755

S1 Abs	K	A	B	C
0.00755	85.4123	0	0	0

Calibration	Concentration	Abs.	Calibration	Concentration	Abs.
1.	0	0.0293	6.	0	0
2.	4.04	0.07375	7.	0	0
3.	0	0	8.	0	0
4.	0	0	9.	0	0
5.	0	0	10.	0	0



Anjali 25/6/23

Print By: 1 Print Time: 24-01-2024 16:43:44

Calibration Curve

Calibration Method: 2 Point Linear

Calibration Time: 15-06-2023 9:08:07

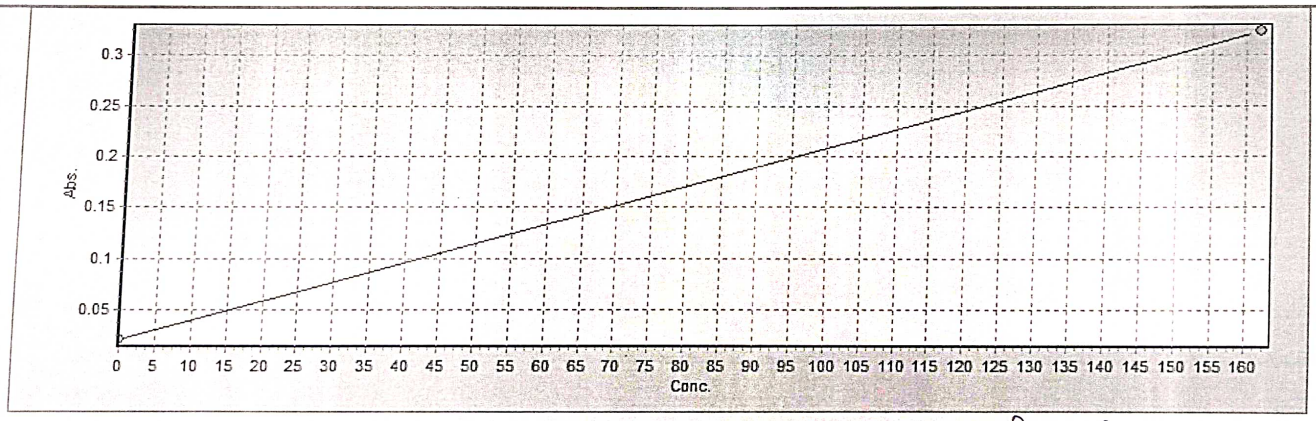
Test Item: TC

Absorbance: 0.0212

Calibrator: 1

S1 Abs	K	A	B	C
0.0212	535.5372	0	0	0

Calibration	Concentration	Abs.	Calibration	Concentration	Abs.
1.	0	0.0212	6.	0	0
2.	162	0.3237	7.	0	0
3.	0	0	8.	0	0
4.	0	0	9.	0	0
5.	0	0	10.	0	0



Arjun 15/6/23

Print By: 1

Print Time: 24-01-2024 16:44:30

Calibration Curve

Calibration Method: 2 Point Linear

Calibration Time: 16-06-2023 9:02:54

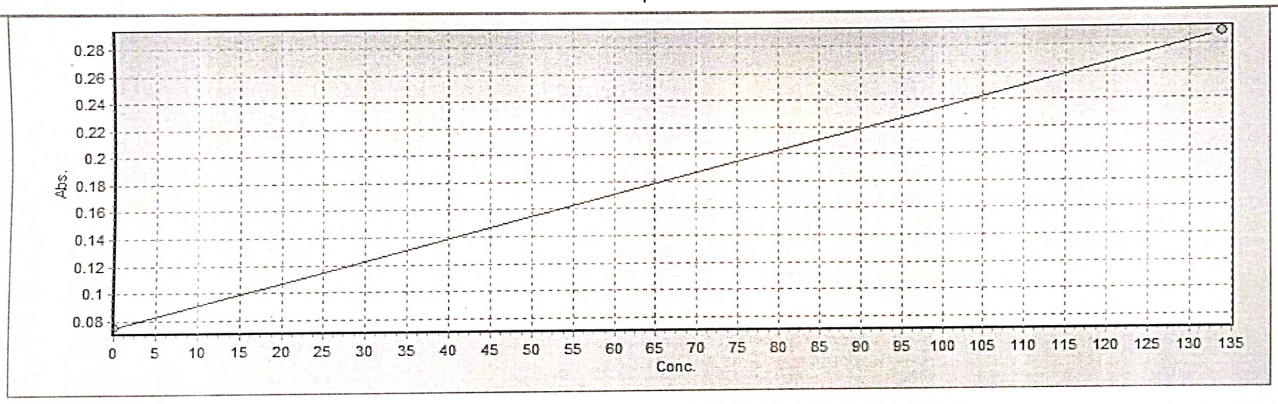
Test Item: TG

Absorbance: 0.0749

Calibrator: 1

S1 Abs	K	A	B	C
0.0749	626.754	0	0	0

Calibration	Concentration	Abs.	Calibration	Concentration	Abs.
1.	0	0.1274	6.	0	0
2.	134	0.321	7.	0	0
3.	0	0	8.	0	0
4.	0	0	9.	0	0
5.	0	0	10.	0	0



16/6/23

Print By: 1

Print Time: 24-01-2024 16:44:53