

Calibration Certificate

Following voltages have been checked & adjusted on DiaSys SYS 200 PRO (Sl. No.**SYS20220803**) at KRSNAA DIAGNOSTICS LTD, Tarn Taran , 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 21/11/2024.

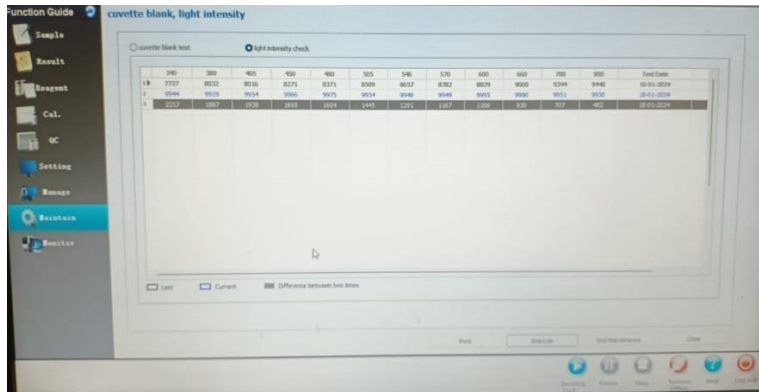
For DiaSys Diagnostics India Pvt. Ltd.



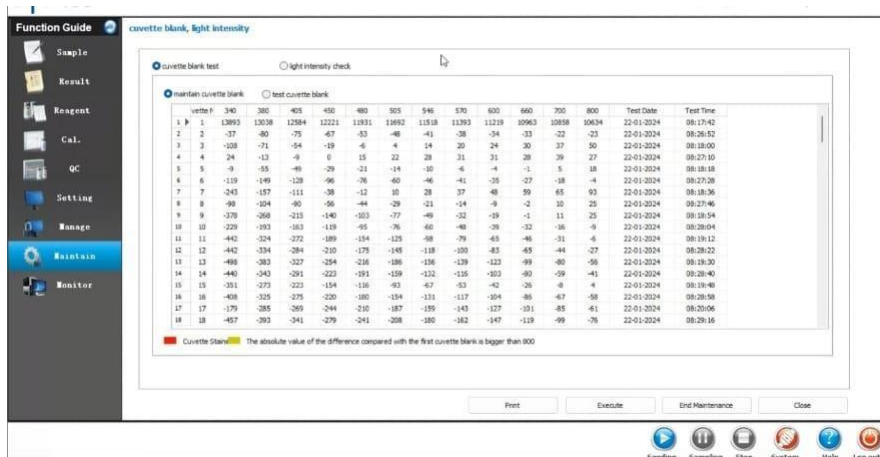
Asmat Sami
Regional Service Manager
www.DiaSys-Diagnostic.com
Contact: 022 3371 4323
Toll Free: 1800 120 1447

Date: 22/11/2023

Light Quantity Checkup for all wavelength and found all in range



Cuvette Blank test for all cuvettes found in range




Asmat Sami

Calibration Result

Item	SI Abs.	K	A	B	C	Status	Calibration Time
ALB	0.1294	10.8333	0	0	0	Succeed	2023.11.30 09:26:53
ALP	0.00475	8823.5294	0	0	0	Succeed	2024.01.24 08:54:55
ALT	-0.0003	-3150.641	0	0	0	Succeed	2023.11.20 16:03:20
AST	-0.0036	-3311.8971	0	0	0	Succeed	2023.11.20 16:04:20
Ca	0.2162	23.8968	0	0	0	Succeed	2024.01.18 08:49:13
CREAT JAFPE	0.0013	126.8128	0	0	0	Succeed	2024.01.23 03:43:07
CRP	-0.0010056387291335 8	0	0	0	0	Succeed	2022.12.28 14:23:00
DBIL	0.00075	46.66	0	0	0	Succeed	2023.08.04 16:30:07
GLU	0.01815	254.47	0	0	0	Succeed	2023.11.28 09:03:43
HDL-C	0.00995	350.9816	0	0	0	Succeed	2024.01.11 10:45:23
LDL-C	0.0245	407.0378	0	0	0	Succeed	2023.12.10 16:31:49
TBIL	0.03055	94.2661	0	0	0	Succeed	2024.01.22 08:55:38
TC	0.0227	529.6714	0	0	0	Succeed	2023.05.01 08:08:08
TG	0.12855	768.8201	0	0	0	Succeed	2024.01.08 09:29:03
TP	0.0024	43.039	0	0	0	Succeed	2024.01.02 08:49:03
UA	0.0142	110.9519	0	0	0	Succeed	2023.11.24 12:58:42
UREA	-0.00405	-1315.9528	0	0	0	Succeed	2023.12.05 08:49:05

Calibration Curve

Calibration Method: 2 Point Linear

Calibration Time: 30-11-2023 9:26:53

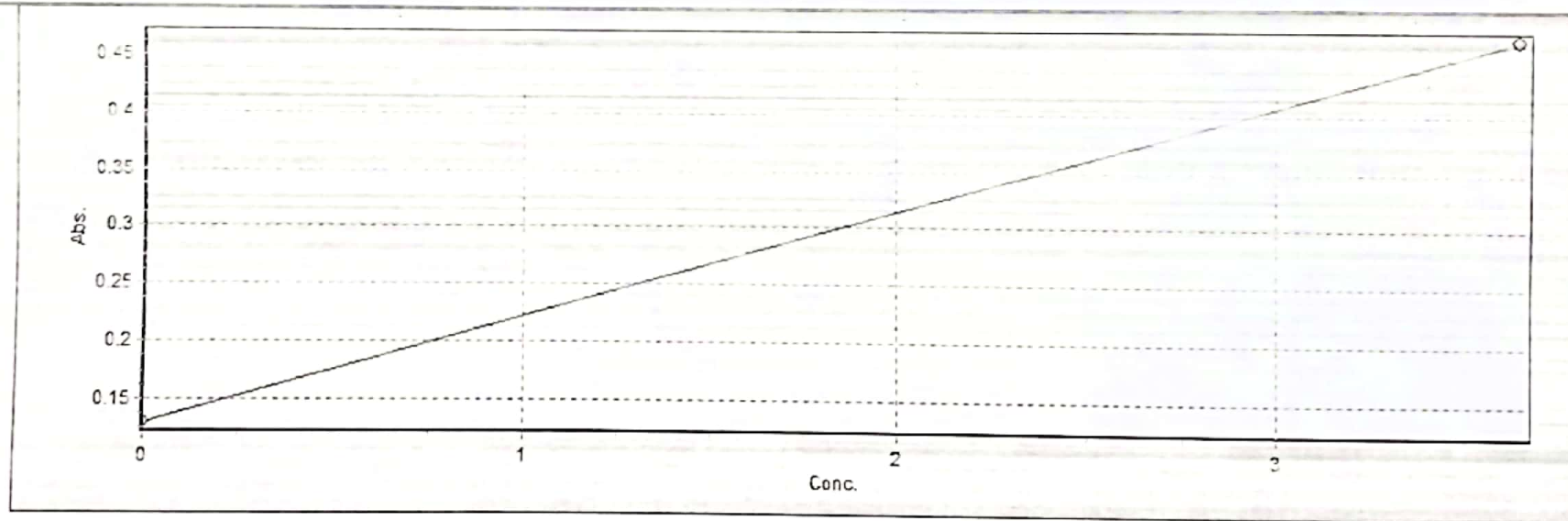
Test Item: ALB

Absorbance: 0.1294

Calibrator: 1

S1 Abs	K	A	B	C
0.1294	10.8333	0	0	0

Calibration	Concentration	Abs.	Calibration	Concentration	Abs.
1.	0	0.1294	6.	0	0
2.	3.64	0.4654	7.	0	0
3.	0	0	8.	0	0
4.	0	0	9.	0	0
5.	0	0	10.	0	0



Manas

Calibration Curve

Calibration Method: 2 Point Linear

Calibration Time: 20-11-2023 16:03:20

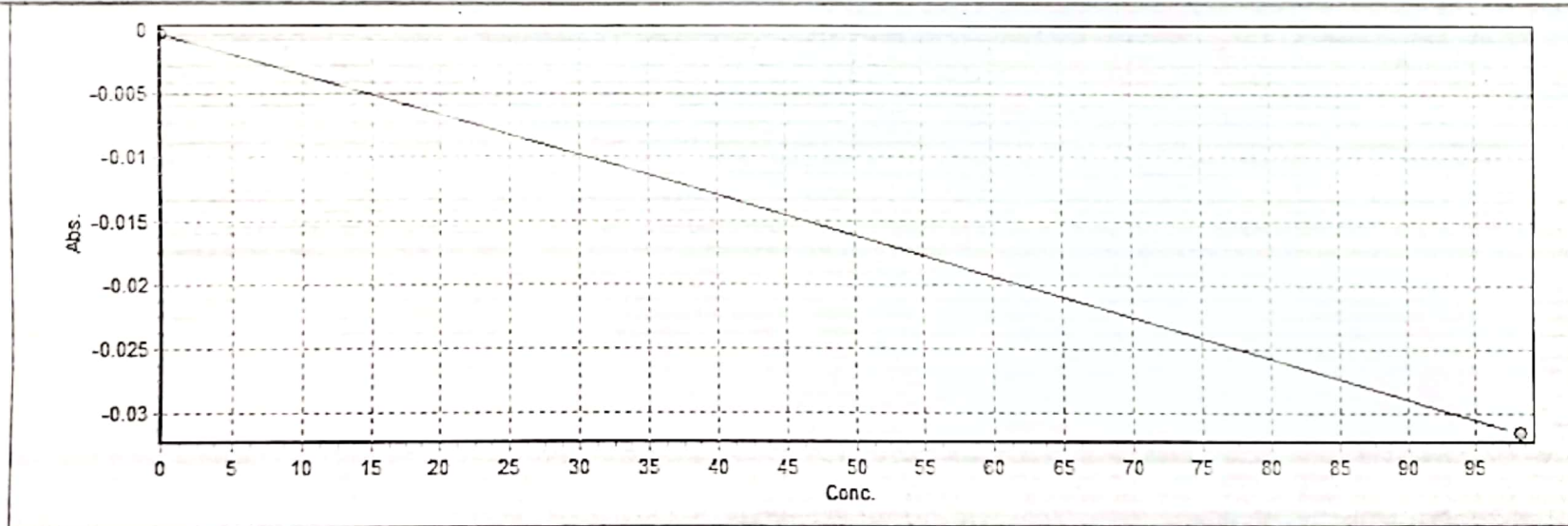
Test Item: ALT

Absorbance: -0.0003

Calibrator: 1

S1 Abs	K	A	B	C
-0.0003	-3150.641	0	0	0

Calibration	Concentration	Abs.	Calibration	Concentration	Abs.
1.	0	-0.0003	6.	0	0
2.	98.3	-0.0315	7.	0	0
3.	0	0	8.	0	0
4.	0	0	9.	0	0
5.	0	0	10.	0	0



Manau

Calibration Curve

Calibration Method: 2 Point Linear

Test Item: AST

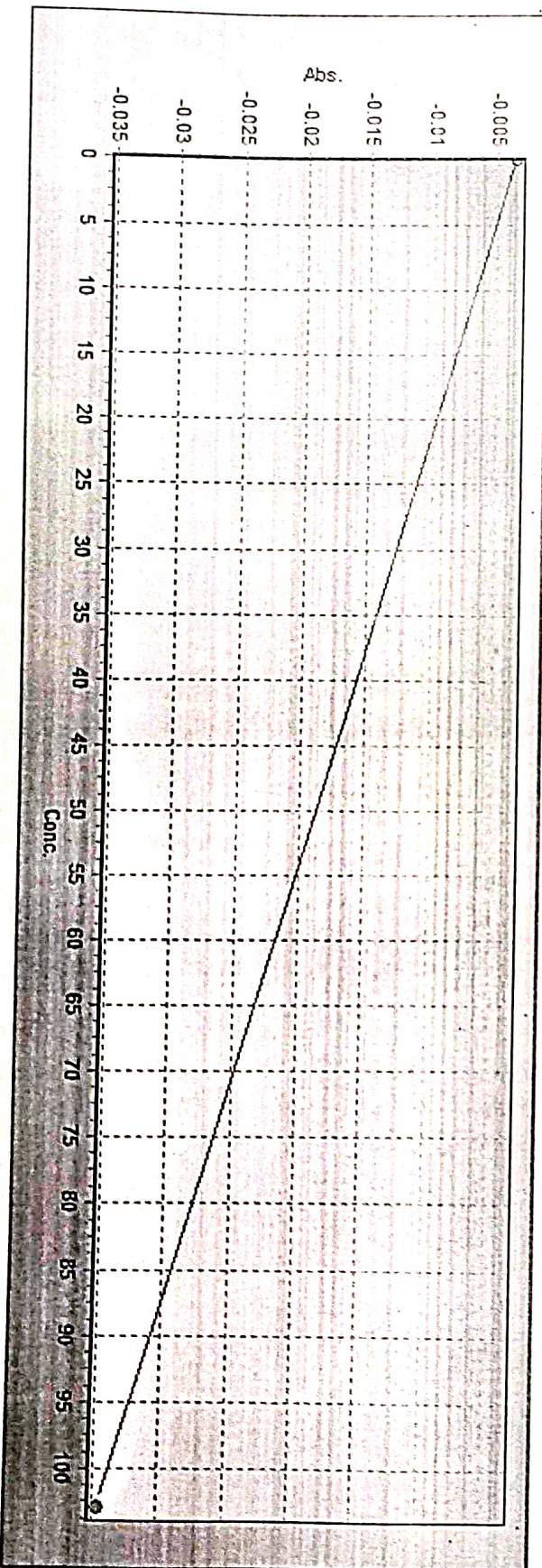
Calibrator: 1

Calibration Time: 20-11-2023 16:04:20

Absorbance: -0.0036

S1 Abs	K	A	B	C
-0.0036	-3311.8971	0	0	0

Calibration	Concentration	Abs.	Calibration	Concentration	Abs.
1.	0	-0.0036	6.	0	0
2.	103	-0.0347	7.	0	0
3.	0	0	8.	0	0
4.	0	0	9.	0	0
5.	0	0	10.	0	0



Mama

Calibration Curve

Calibration Method: 2 Point Linear

Calibration Time: 28-11-2023 9:03:43

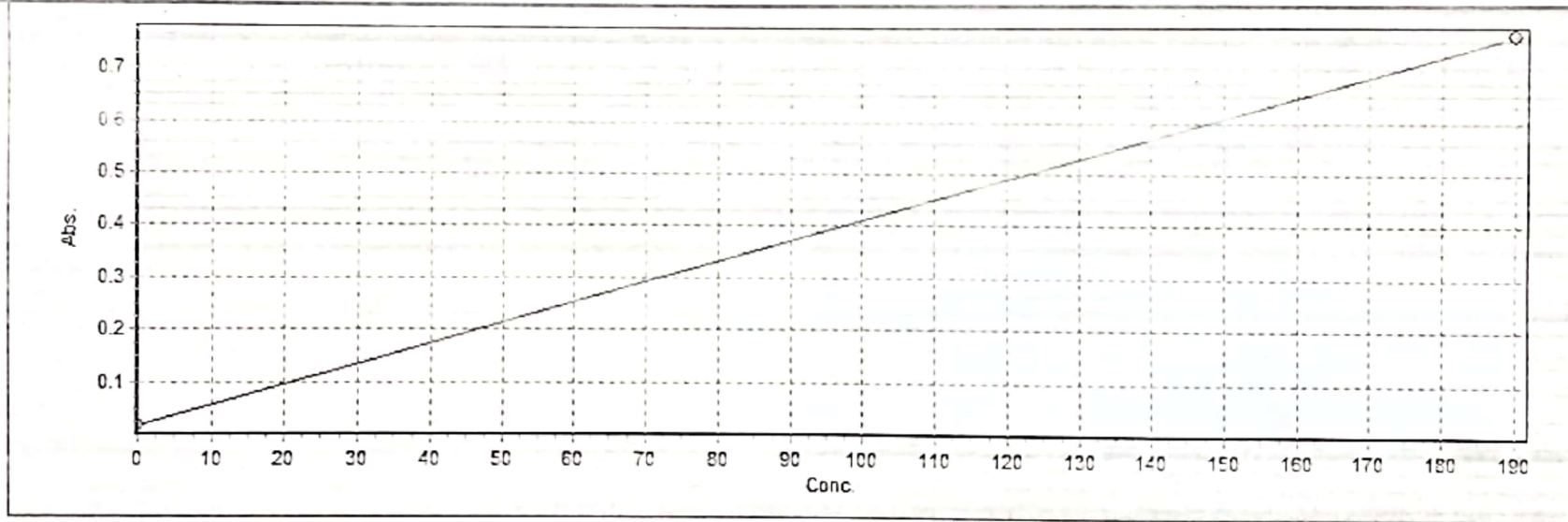
Test Item: GLU

Absorbance: 0.01815

Calibrator: 1

S1 Abs	K	A	B	C
0.01815	254.47	0	0	0

Calibration	Concentration	Abs.	Calibration	Concentration	Abs.
1.	0	0.01815	6.	0	0
2.	190	0.7648	7.	0	0
3.	0	0	8.	0	0
4.	0	0	9.	0	0
5.	0	0	10.	0	0



Manav

Calibration Curve

Calibration Method: 2 Point Linear

Calibration Time: 05-12-2023 8:49:05

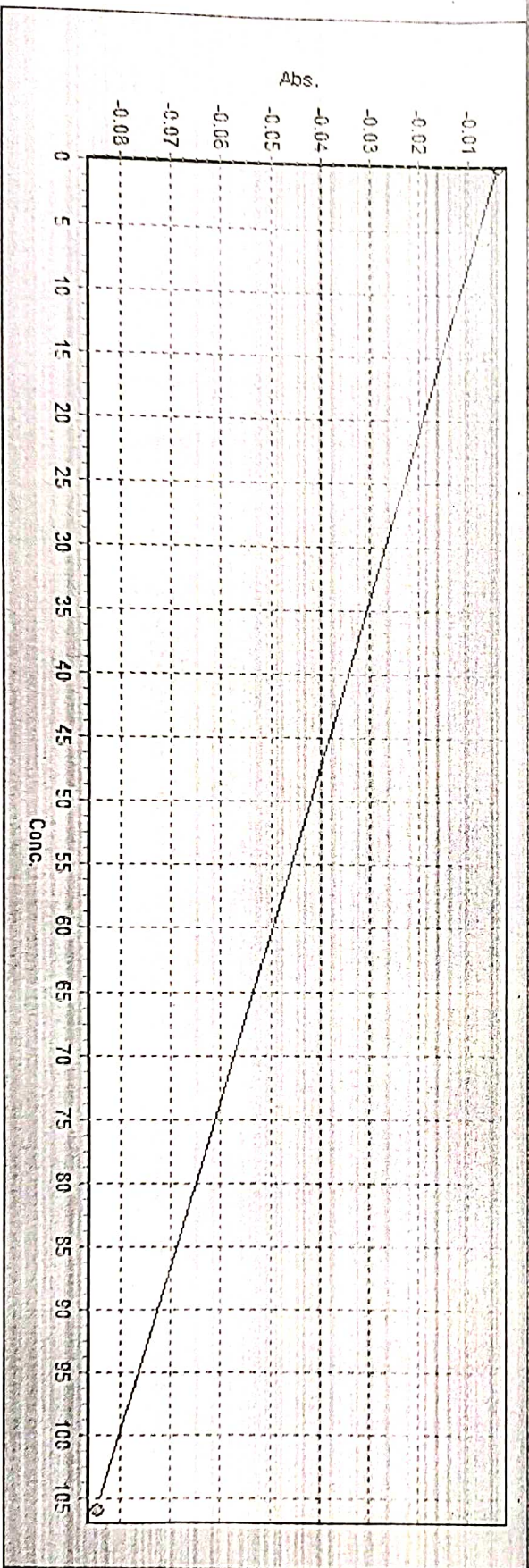
Test Item: UREA

Absorbance: -0.00405

Calibrator: 1

S1 Abs	K	A	B	C
-0.00405	-1315.9528	0	0	0

Calibration	Concentration	Abs.	Calibration	Concentration	Abs.
1.	0	-0.00405	6.	0	0
2.	106	-0.0846	7.	0	0
3.	0	0	8.	0	0
4.	0	0	9.	0	0
5.	0	0	10.	0	0



Hanna

Calibration Curve

Calibration Method: 2 Point Linear

Calibration Time: 24-11-2023 12:58:42

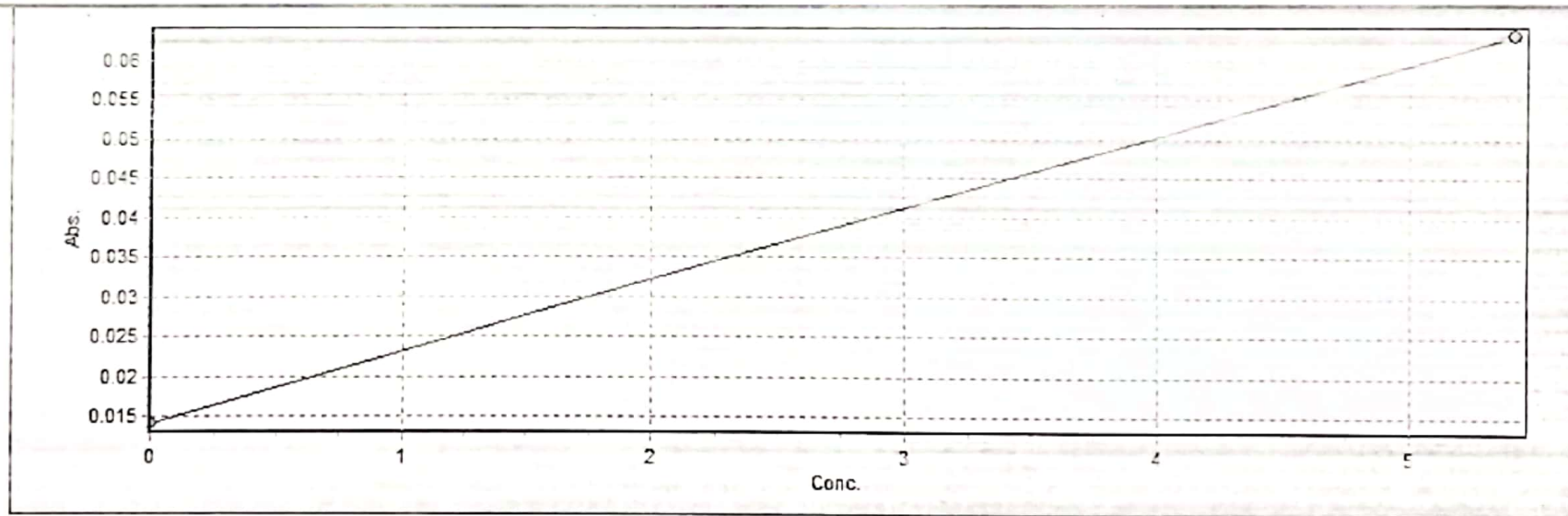
Test Item: UA

Absorbance: 0.0142

Calibrator: 1

S1 Abs	K	A	B	C
0.0142	110.9519	0	0	0

Calibration	Concentration	Abs.	Calibration	Concentration	Abs.
1.	0	0.0142	6.	0	0
2.	5.42	0.06305	7.	0	0
3.	0	0	8.	0	0
4.	0	0	9.	0	0
5.	0	0	10.	0	0



Manau