

CALIBRATION CERTIFICATE

This is to Certify that the Mechanical, Electronics and Software Calibration has been done on 28 April 2023 for SYS-200 Pro FullyAutomatic Analyzer having serial number (SYS20220204) carried out in Krsnaa Diagnostics – Batala, Punjab

Following Voltage have been checked & adjusted on SYS 200 Pro:-

DC Power Supply:

Target Volt	Range	Actual Volt
+12 V	+/-0.5 V	12.06 V
+5 V	+/- 0.2 V	5.02 V
+24 V	+/- 1.0 V	24.10 V

- **Checked the temperature of Reagent Preheater, Reaction Disk & Reagent disk Cooling.**
- **All other mechanism have been checked through software and found OK.**
- **Light Quantity Check up and Cuvette Blank Tests for all the wavelengths are checked and found with in the Range.**
- **Performed calibration for End Point, Kinetics & Fixed Point Kinetics parameters (Glucose, Creat, ALT, etc).**
- **Run Controls and results were Satisfactory.**
- **Next Calibration will be performed on 28/04/ 2024**

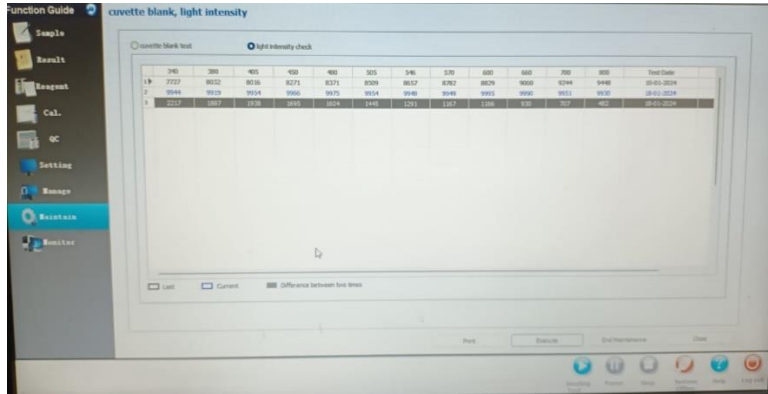
For Diasys Diagnostics India Pvt Ltd .



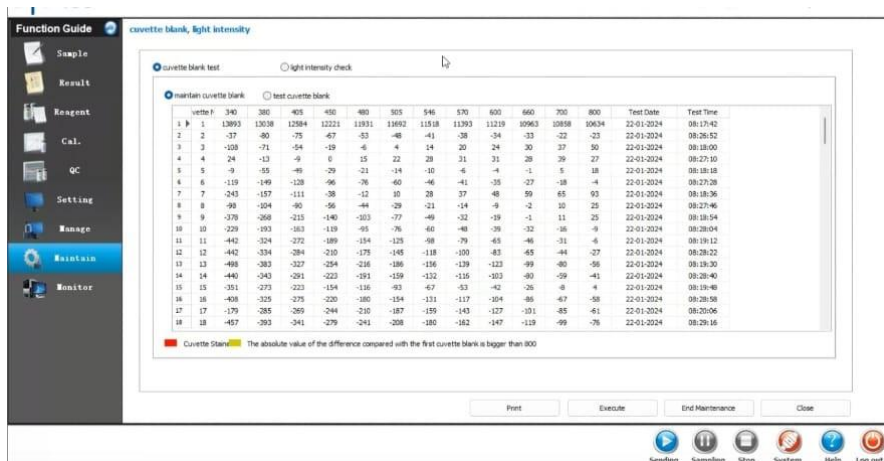
Sami Asmat
Reginal Service Manager

Date :28 April 2023

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



Cuvette Blank test for all cuvettes found in range




Asmat Sami

Calibration Result

Item	S1 Abs.	K	A	B	C	Status	Calibration Time
ALB	0.1286	10.8221	0	0	0	Succeed	2023.04.28 15:21:20
ALP	0.0035	5284.9741	0	0	0	Succeed	2023.04.28 15:39:36
ALT	-0.0004	-4078.8382	0	0	0	Succeed	2023.04.28 15:40:07
AMY	0.00075	6264.2741	0	0	0	Succeed	2022.01.17 11:31:52
AST	-0.00085	-4309.6234	0	0	0	Succeed	2023.04.28 15:41:07
Ca	0.2505	19.5316	0	0	0	Succeed	2023.04.28 15:36:49
Creat jaff	0.00095	282.2222	0	0	0	Succeed	2023.04.28 15:41:35
CR-J	0.00075	33.9421	0	0	0	Succeed	2022.01.24 20:35:16
CRP	-0.0006329687892897 75	0	0	0	0	Succeed	2022.01.21 21:03:06
DBIL	5E-5	49.1542	0	0	0	Succeed	2023.04.28 15:43:50
GGT	0.0025	2081.448	0	0	0	Succeed	2022.01.20 22:33:07
GLU	0.012	253.8446	0	0	0	Succeed	2023.04.28 15:45:21
HDL new	0.00465	322.3667	0	0	0	Succeed	2022.01.17 14:14:35
HDL-C	0.0146	390.1754	0	0	0	Succeed	2023.04.28 15:47:21
LDH	0.00085	9475.5877	0	0	0	Succeed	2022.01.19 22:24:23
LDL-C	0.00345	265.411	0	0	0	Succeed	2023.04.28 15:46:49
P	0.07285	17.9348	0	0	0	Succeed	2022.01.20 22:32:22
RF	0.00735	0.243199250630264	-10.1661810867228	1.84755099211481	-0.00205882499342681	Succeed	2022.01.21 21:40:02
TBIL	0.0352	88.2922	0	0	0	Succeed	2023.04.28 15:47:50
TC	0.0392	555.652	0	0	0	Succeed	2023.04.28 15:46:50
TG	0.1077	694.1432	0	0	0	Succeed	2023.04.28 15:47:51
TP	0	43.225	0	0	0	Succeed	2023.09.28 14:04:55
TP-M	0.0041	56	0	0	0	Succeed	2023.04.28 15:49:50
UA	0.0084	100	0	0	0	Succeed	2023.04.28 15:51:05

Calibration Result

Item	S1 Abs.	K	A	B	C	Status	Calibration Time
REA	-0.00455	-1444.9696	0	0	0	Succeed	2023.04.28 15:51:35

Direct ES
28 | 04 | 2023

Calibration Curve

Calibration Method: 2 Point Linear

Calibration Time: 28-04-2023 15:21:20

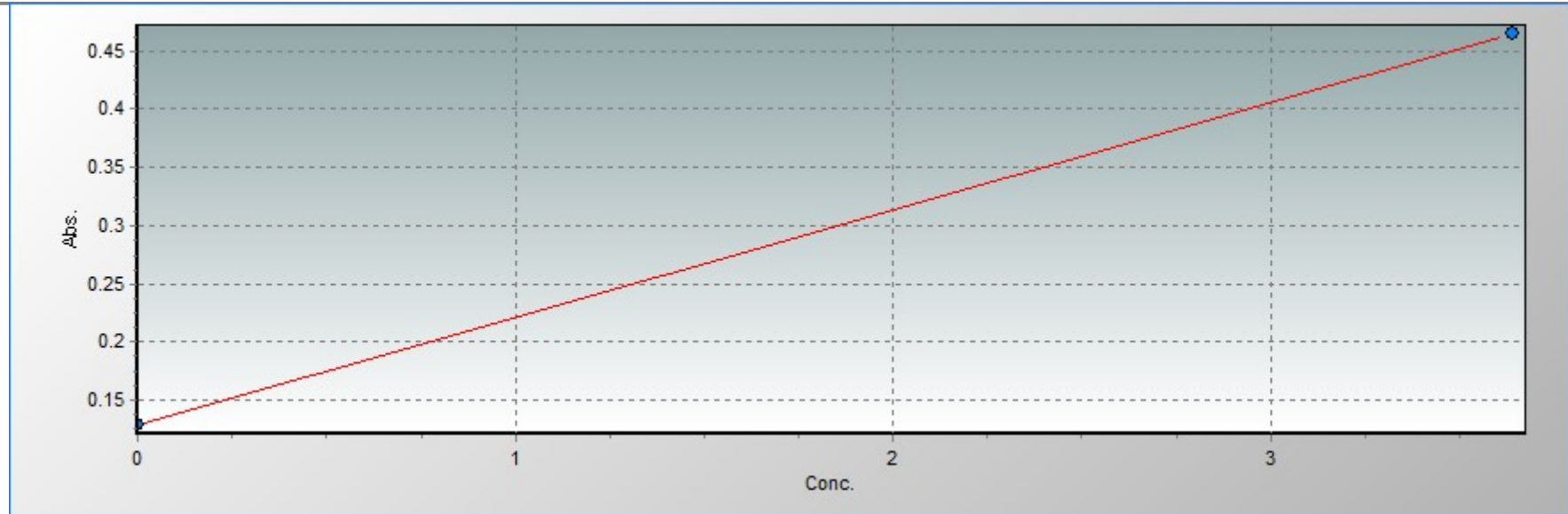
Test Item: ALB

Absorbance: 0.1286

Calibrator: 1

S1 Abs	K	A	B	C
0.1286	10.8221	0	0	0

Calibration	Concentration	Abs.	Calibration	Concentration	Abs.
1.	0	0.1286	6.	0	0
2.	3.64	0.46495	7.	0	0
3.	0	0	8.	0	0
4.	0	0	9.	0	0
5.	0	0	10.	0	0



Calibration Curve

Calibration Method: 2 Point Linear

Calibration Time: 28-04-2023 15:40:07

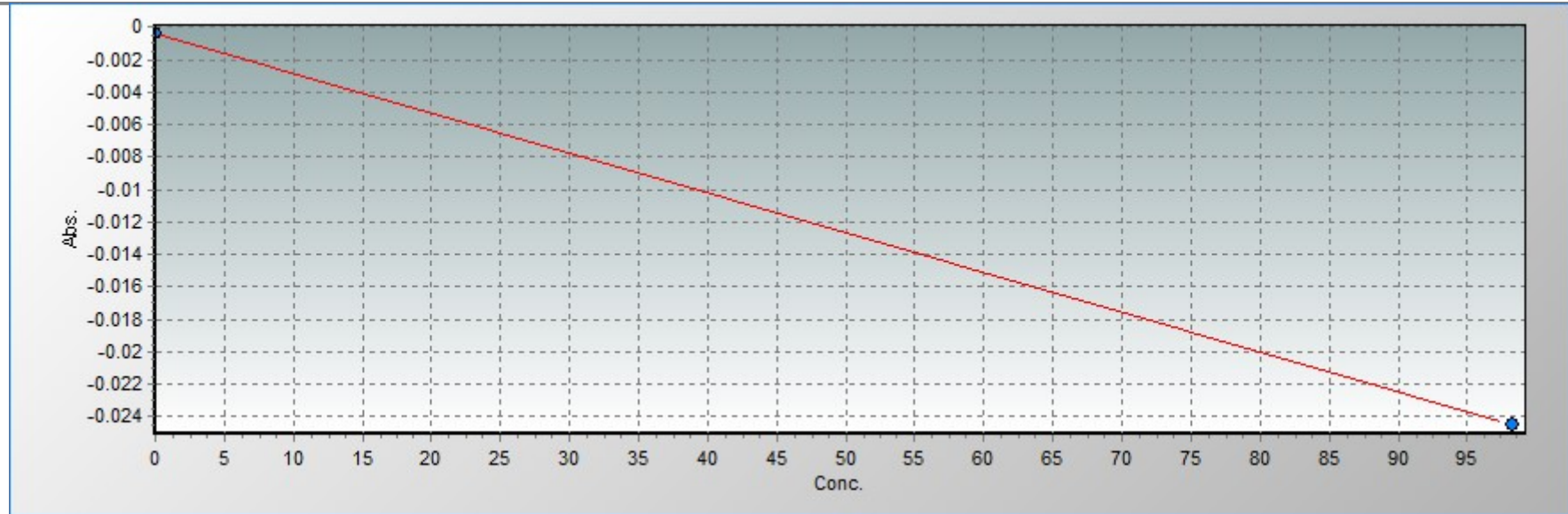
Test Item: ALT

Absorbance: -0.0004

Calibrator: 1

S1 Abs	K	A	B	C
-0.0004	-4078.8382	0	0	0

Calibration	Concentration	Abs.	Calibration	Concentration	Abs.
1.	0	-0.0004	6.	0	0
2.	98.3	-0.0245	7.	0	0
3.	0	0	8.	0	0
4.	0	0	9.	0	0
5.	0	0	10.	0	0



Calibration Curve

Calibration Method: 2 Point Linear

Calibration Time: 28-04-2023 15:41:07

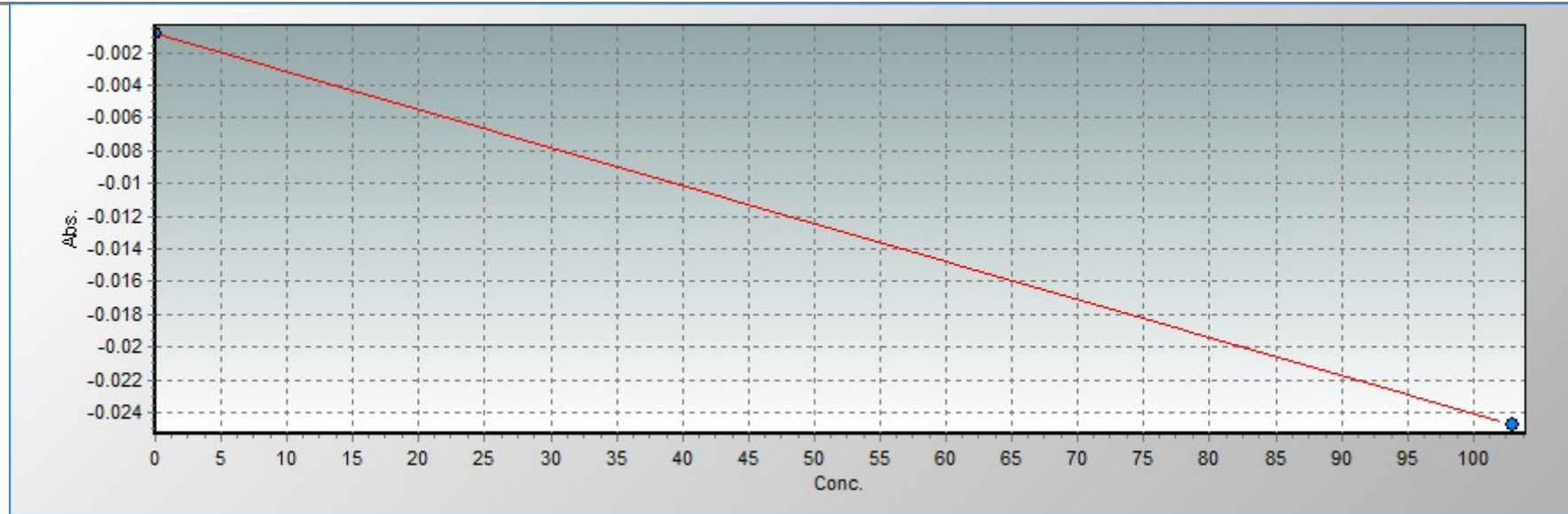
Test Item: AST

Absorbance: -0.00085

Calibrator: 1

S1 Abs	K	A	B	C
-0.00085	-4309.6234	0	0	0

Calibration	Concentration	Abs.	Calibration	Concentration	Abs.
1.	0	-0.00085	6.	0	0
2.	103	-0.02475	7.	0	0
3.	0	0	8.	0	0
4.	0	0	9.	0	0
5.	0	0	10.	0	0



Calibration Curve

Calibration Method: 2 Point Linear

Calibration Time: 28-04-2023 15:46:50

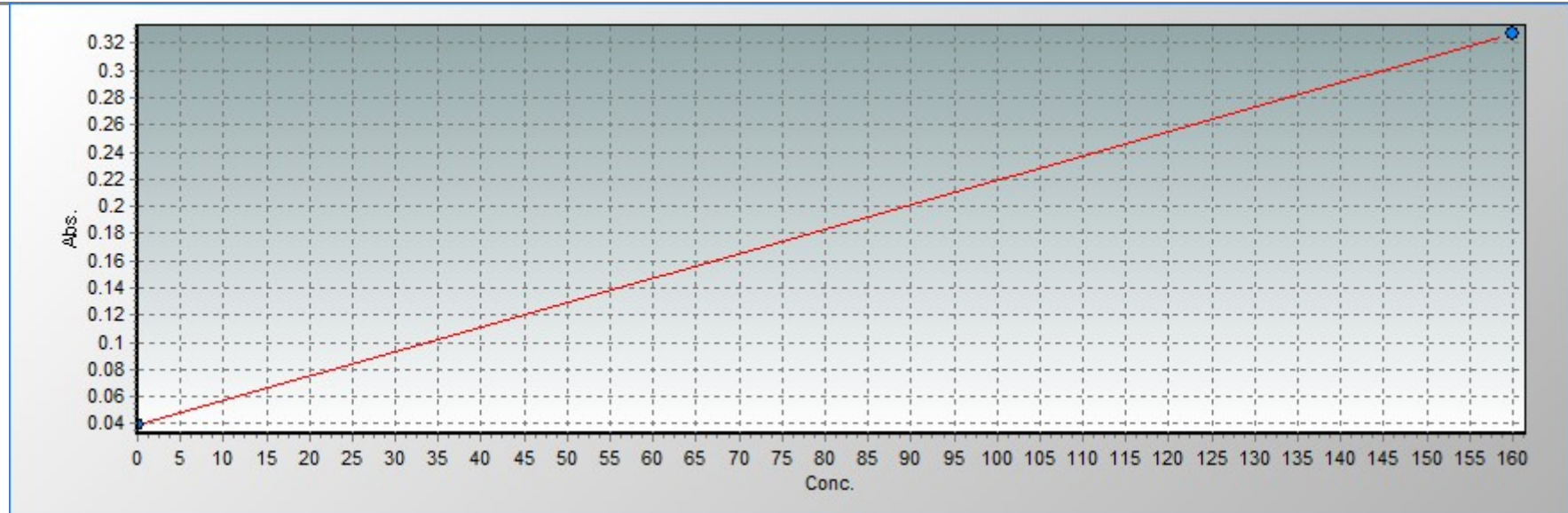
Test Item: TC

Absorbance: 0.0392

Calibrator: 1

S1 Abs	K	A	B	C
0.0392	555.652	0	0	0

Calibration	Concentration	Abs.	Calibration	Concentration	Abs.
1.	0	0.0392	6.	0	0
2.	160	0.32715	7.	0	0
3.	0	0	8.	0	0
4.	0	0	9.	0	0
5.	0	0	10.	0	0



Calibration Curve

Calibration Method: 2 Point Linear

Calibration Time: 28-04-2023 15:41:35

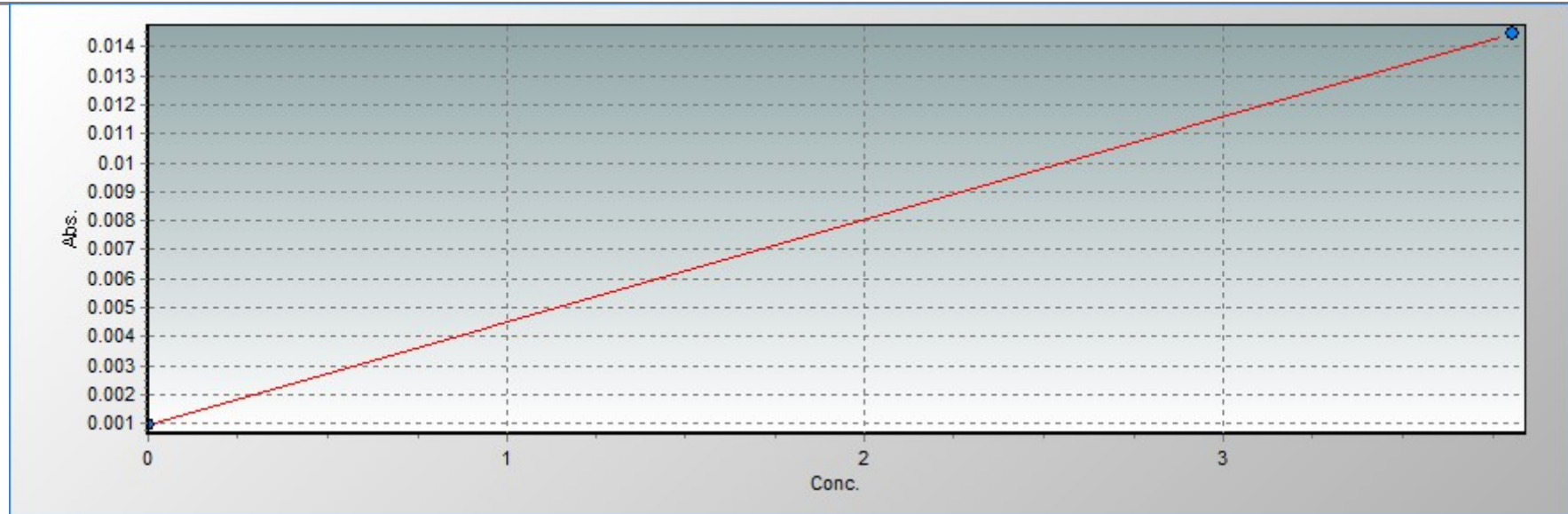
Test Item: Creat iaff

Absorbance: 0.00095

Calibrator: 1

S1 Abs	K	A	B	C
0.00095	282.2222	0	0	0

Calibration	Concentration	Abs.	Calibration	Concentration	Abs.
1.	0	0.00095	6.	0	0
2.	3.81	0.01445	7.	0	0
3.	0	0	8.	0	0
4.	0	0	9.	0	0
5.	0	0	10.	0	0



Calibration Curve

Calibration Method: 2 Point Linear

Calibration Time: 28-04-2023 15:45:21

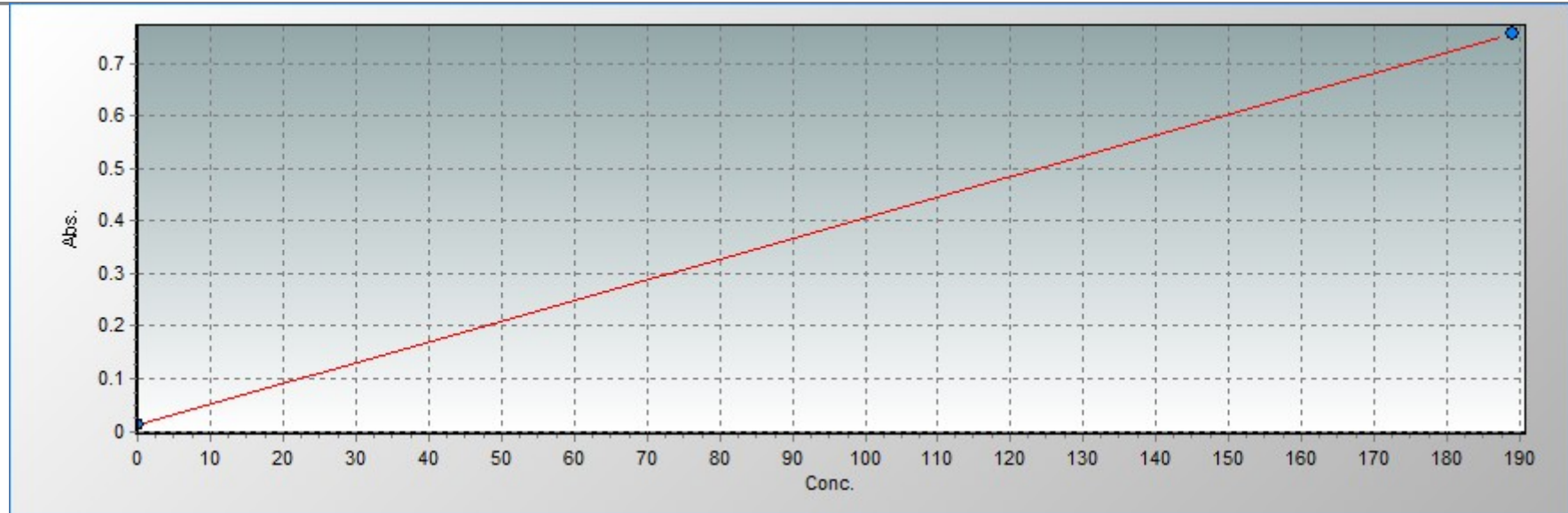
Test Item: GLU

Absorbance: 0.012

Calibrator: 1

S1 Abs	K	A	B	C
0.012	253.8446	0	0	0

Calibration	Concentration	Abs.	Calibration	Concentration	Abs.
1.	0	0.012	6.	0	0
2.	189	0.75655	7.	0	0
3.	0	0	8.	0	0
4.	0	0	9.	0	0
5.	0	0	10.	0	0



Calibration Curve

Calibration Method: 2 Point Linear

Calibration Time: 28-04-2023 15:47:51

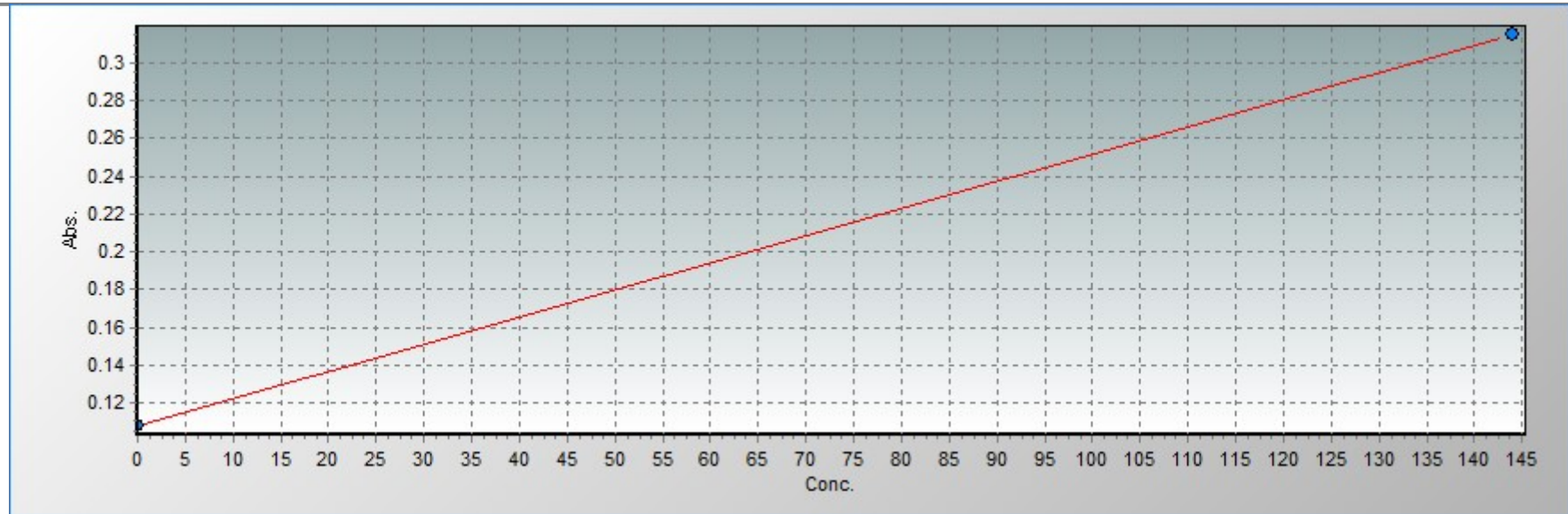
Test Item: TG

Absorbance: 0.1077

Calibrator: 1

S1 Abs	K	A	B	C
0.1077	694.1432	0	0	0

Calibration	Concentration	Abs.	Calibration	Concentration	Abs.
1.	0	0.1077	6.	0	0
2.	144	0.31515	7.	0	0
3.	0	0	8.	0	0
4.	0	0	9.	0	0
5.	0	0	10.	0	0



Calibration Curve

Calibration Method: 2 Point Linear

Calibration Time: 28-04-2023 15:49:50

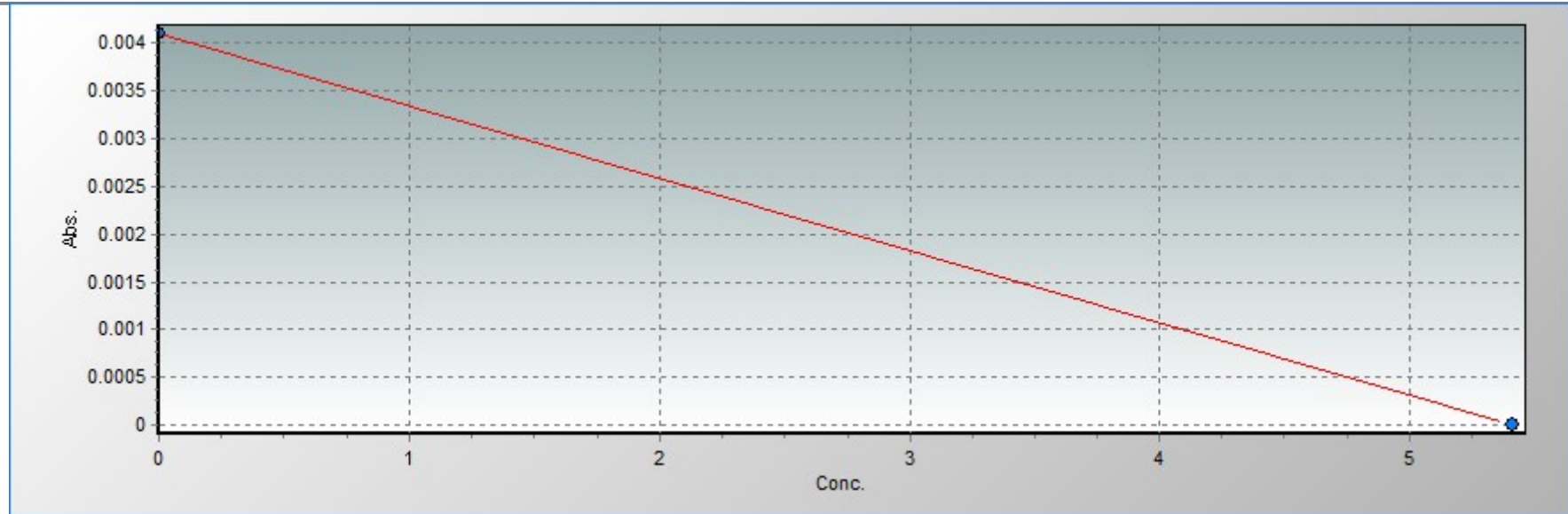
Test Item: TP-M

Absorbance: 0.0041

Calibrator: 1

S1 Abs	K	A	B	C
0.0041	56	0	0	0

Calibration	Concentration	Abs.	Calibration	Concentration	Abs.
1.	0	0.0041	6.	0	0
2.	5.41	0	7.	0	0
3.	0	0	8.	0	0
4.	0	0	9.	0	0
5.	0	0	10.	0	0



Calibration Curve

Calibration Method: 2 Point Linear

Calibration Time: 28-04-2023 15:51:05

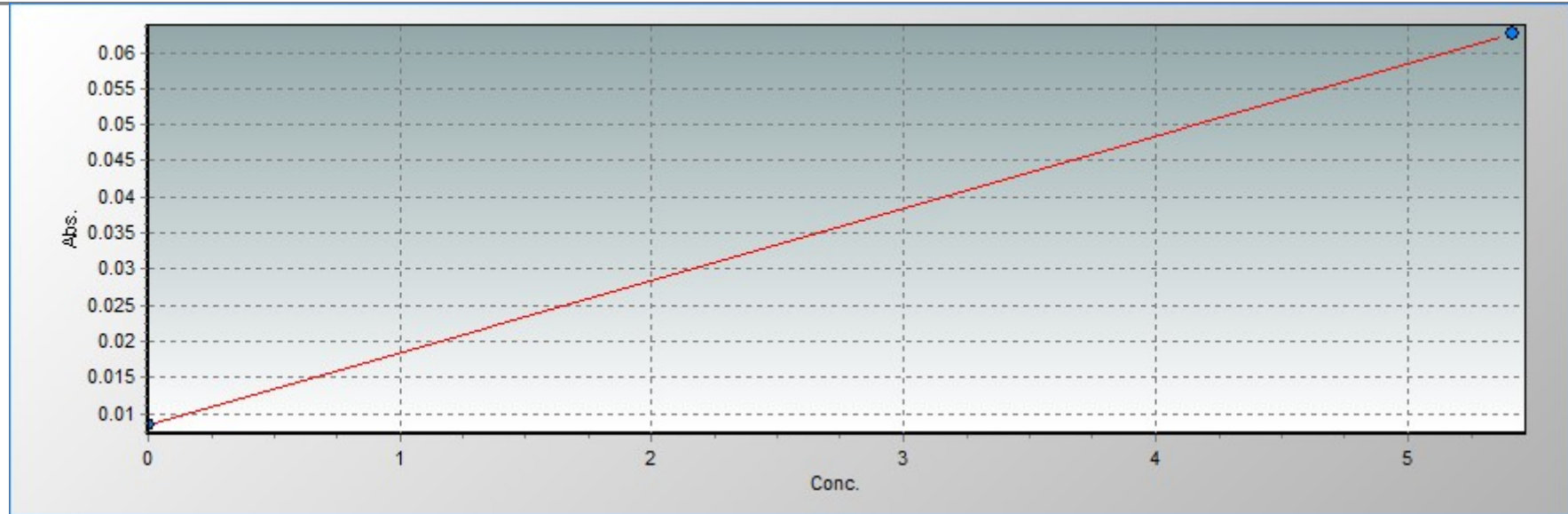
Test Item: UA

Absorbance: 0.0084

Calibrator: 1

S1 Abs	K	A	B	C
0.0084	100	0	0	0

Calibration	Concentration	Abs.	Calibration	Concentration	Abs.
1.	0	0.0084	6.	0	0
2.	5.42	0.0626	7.	0	0
3.	0	0	8.	0	0
4.	0	0	9.	0	0
5.	0	0	10.	0	0



Calibration Curve

Calibration Method: 2 Point Linear

Calibration Time: 28-04-2023 15:51:35

Test Item: UREA

Absorbance: -0.00455

Calibrator: 1

S1 Abs	K	A	B	C
-0.00455	-1444.9696	0	0	0

Calibration	Concentration	Abs.	Calibration	Concentration	Abs.
1.	0	-0.00455	6.	0	0
2.	107	-0.0786	7.	0	0
3.	0	0	8.	0	0
4.	0	0	9.	0	0
5.	0	0	10.	0	0

