



Calibration Certificate

Following voltages have been checked & adjusted on **DiaSys Responder 910 (Sl. No. 121701)**
 Babbar Diagnostics, Near Bohar Police Station Ring Road Dubagga Lucknow 226003

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
		+05.1 VDC	+05.0 +/- 0.2 VDC
2	Lamp voltage	+11.9 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 +/- 0.2 C

Photometer Adjustment Values are within range as recommended:

S.No.	Module	Observed Value	Acceptable Range
1	ADC Count for all Wavelengths	19,700 to 20,200	19,500 to 20,500

- 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 10th July 2024.

For DiaSys Diagnostics India Pvt. Ltd.

Asmat Sami



ASMAT SAMI
 Authorized signatory

Date: 10th July 2023

TRULAB P / 32787
On Position 22

Test	Low Limit	High Limit	Drift%	Target/Concentration	Control Status
ALB	3.56	5.68	15.00	4.62 4.92 g/dL	OK
(1 aspirations, 1 Concentrations, Mean=(null), CV=(null)%)					
ALT	92.2	147.0	15.00	120.0 143.5 U/L	OK
(1 aspirations, 1 Concentrations, Mean=(null), CV=(null)%)					
AP	131.0	219.0	15.00	176.0 —	ABSLIM FAIL
(1 aspirations, 0 Concentrations, Mean=(null), CV=(null)%)					
AST	129.0	206.0	15.00	167.0 164.5 U/L	OK
(1 aspirations, 1 Concentrations, Mean=(null), CV=(null)%)					
CA	9.40	12.90	15.00	11.60 9.68 mg/dL	OK
(1 aspirations, 1 Concentrations, Mean=(null), CV=(null)%)					
CREA	3.30	5.17	15.00	4.24 4.27 mg/dL	OK
(1 aspirations, 1 Concentrations, Mean=(null), CV=(null)%)					
DBIL	1.32	2.25	15.00	1.78 2.84 mg/dL	OK FAIL HL: Conc>High Lim
(1 aspirations, 1 Concentrations, Mean=(null), CV=(null)%)					
GLUC GOD	215.0	297.0	15.00	256.0 257.1 mg/dL	OK
(1 aspirations, 1 Concentrations, Mean=(null), CV=(null)%)					
TBIL	3.26	6.56	15.00	4.41 4.65 mg/dL	OK
(1 aspirations, 1 Concentrations, Mean=(null), CV=(null)%)					
TP	6.52	8.13	15.00	7.32 7.33 g/dL	OK
(1 aspirations, 1 Concentrations, Mean=(null), CV=(null)%)					
UA	6.28	8.32	15.00	7.30 8.73 mg/dL	OK

Sati Factory
 @kavva
 10/07/23

Control Run, 2023-07-10 T08:21:55

System validations : OFF

TRULAB P / 32787
On Position 22

Test	Low Limit	High Limit	Drift%	Target/Concentration	Control Status
------	-----------	------------	--------	----------------------	----------------

(1 aspirations, 1 Concentrations, Mean=(null), CV=(null)%)

UREA	117.0	183.0	15.00	150.0 140.5 mg/dL	OK
------	-------	-------	-------	----------------------	----

(1 aspirations, 1 Concentrations, Mean=(null), CV=(null)%)

Satisfactory
awv
10/07/23

Method: UREA

Control: TRULAB P / 32787

Result	Status	Daily CV%	Daily SD	Daily Mean
148.2 mg/dL	OK			

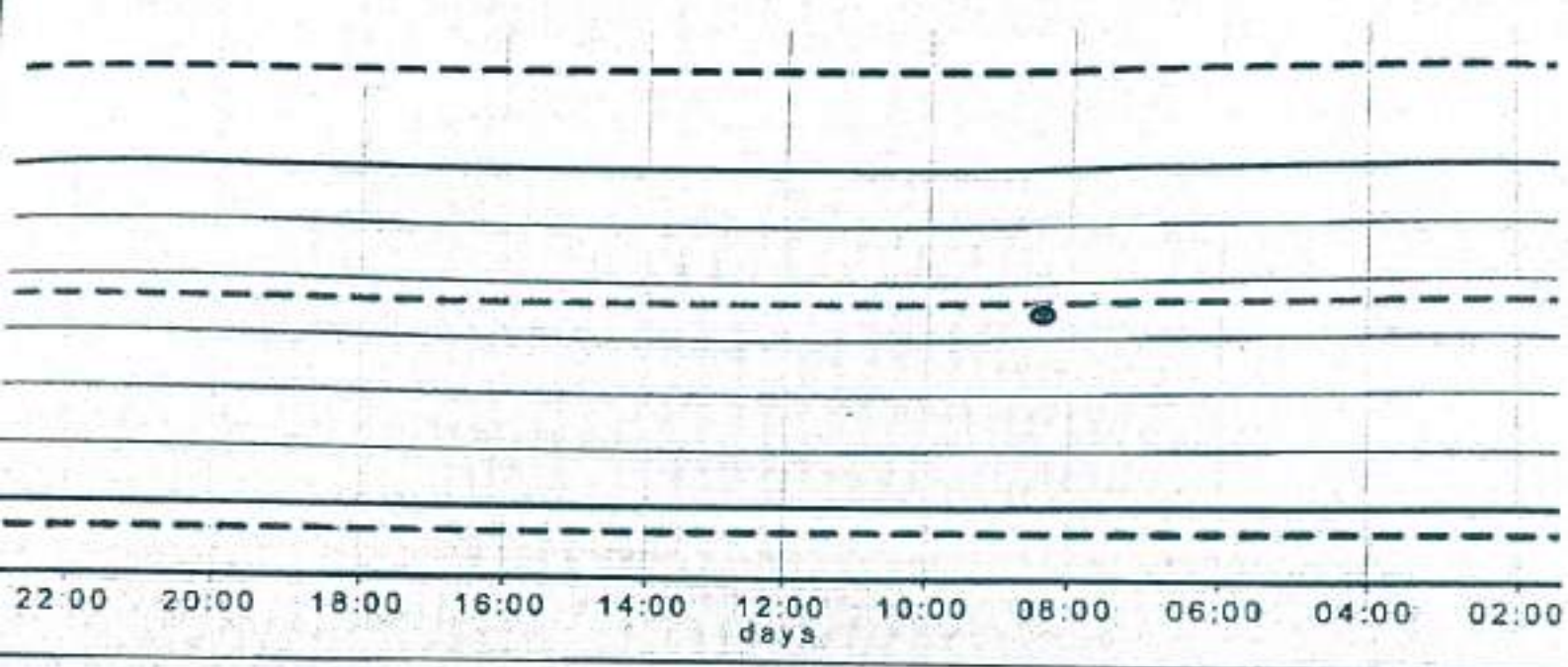
Today:

Measures: 1

Mean: 148.2

CV%: -

SD: -



Satisfactory
Chavan
10/07/23

Method: TBIL

Control: TRULAB P / 32787

Result	Status	Daily CV%	Daily SD	Daily Mean
--------	--------	-----------	----------	------------

3.98 mg/dL OK

Today :

Measures : 1

Mean : 3.98

CV% : -

SD : -

22:00 20:00 18:00 16:00 14:00 12:00 10:00 08:00 06:00 04:00 02:00
days

Satisfactory
@varun
10/07/23

Method: GLUC GOD

Control: TRULAB P / 32787

Result

Status

Daily CV%

Daily SD

Daily Mean

251.7 mg/dL OK

Today:

Measures: 1

Mean: 251.7

CV%: -

SD: -

22:00 20:00 18:00 16:00 14:00 12:00 10:00 08:00 06:00 04:00 02:00
days

Satisfactory
Chawla
10/07/23

Method: CREA

Control: TRULAB P / 32787

Result	Status	Daily CV%	Daily SD	Daily Mean
--------	--------	-----------	----------	------------

4.52 mg/dL OK

Today:

Measures: 1

Mean: 4.52

CV%: --

SD: --

22:00 20:00 18:00 16:00 14:00 12:00 10:00 08:00 06:00 04:00 02:00
days

Satisfactory
Charm
10/07/23

Method: DBIL

Control: TRULAB P / 32787

Result Status Daily CV% Daily SD Daily Mean

1.93 mg/dL OK

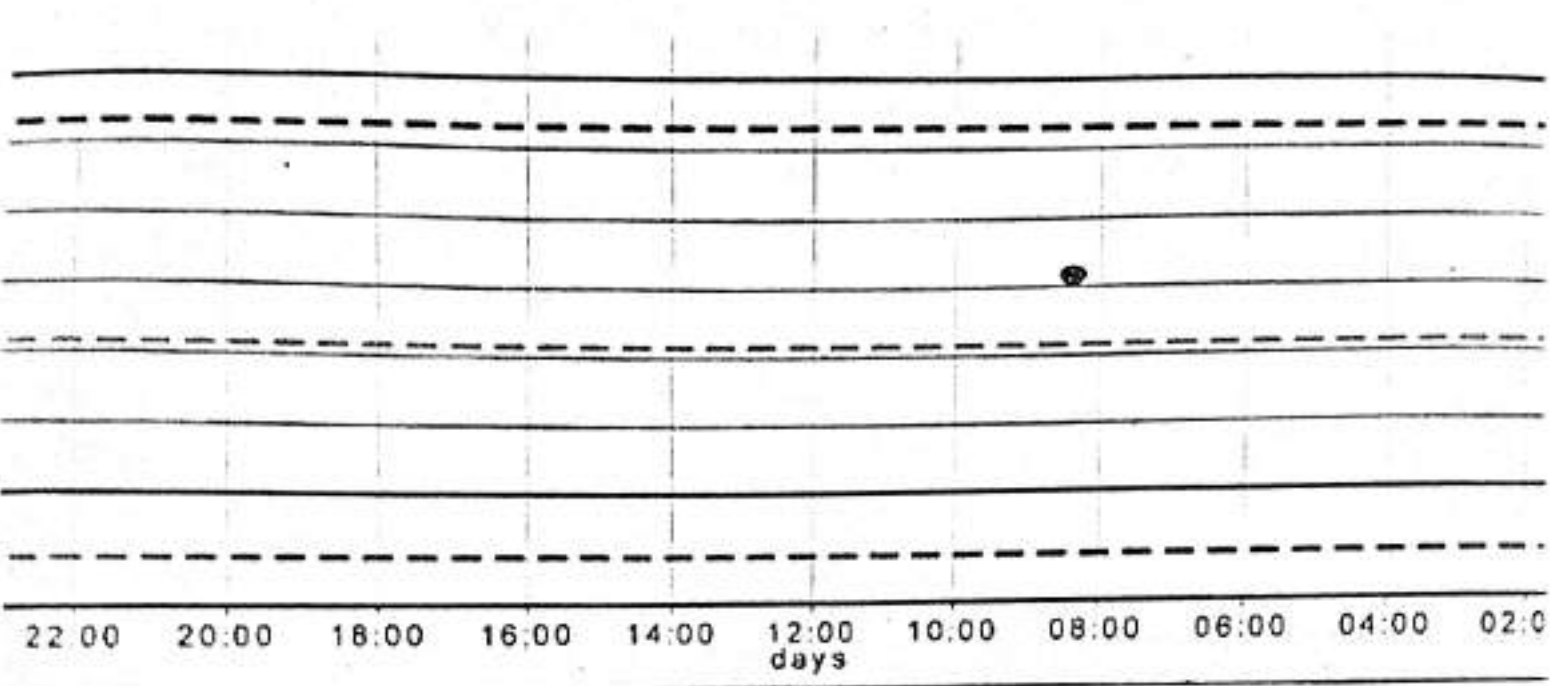
Today:

Measures: 1

Mean: 1.93

CV%: --

SD: --



Satisfactory
Awarin
10/07/23

Method: ALT

Control: TRULAB P / 32787

Result	Status	Daily CV%	Daily SD	Daily Mean
--------	--------	-----------	----------	------------

141.4 U/L OK

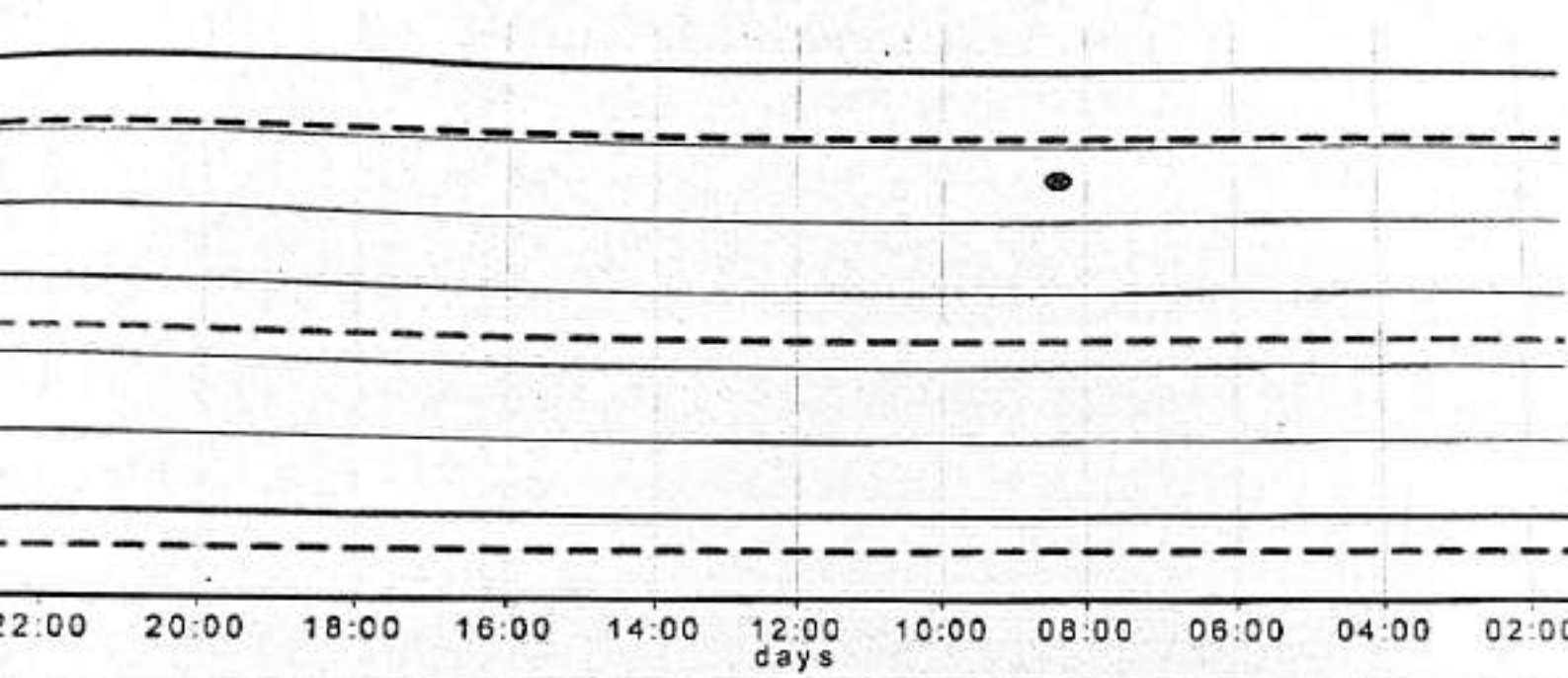
Today:

Measures: 1

Mean: 141.4

CV%: -

SD: -



Satisfactory
Okonwu
10/07/23

Method: AST

Control: TRULAB P / 32787

Result

Status

Daily CV%

Daily SD

Daily Mean

166.4 U/L OK

Today :

Measures: 1

Mean: 166.4

CV%: -

SD: -

22:00 20:00 18:00 16:00 14:00 12:00 10:00 08:00 06:00 04:00 02:00
days

Satisfactory
@m am
10/07/23