

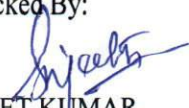
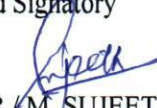
# S.M. ENTERPRISES

(Calibration and Testing of Electrical & Precision Instruments)

Office/Calibration Coming up NABL Plot No. 12, Sanjeevaiah Nagar, Co-operative Society, Beside Tadbund Hanuman Temple, Sikh Village, Secunderabad-500 009, T.S.  
:(040) 27840697, Cell : 9848020798, 9948291008, 9948292008, 9948293008, 9948294008, 9848284719, Email: msudheer\_96@yahoo.com, SME\_003@YAHOO.IN,  
url: www.smentp.com

## CALIBRATION CERTIFICATE

SME/QM/FF/68		ULR NO : CC24712100000805F		Page : 1 of 2	
Certificate No.:	SME/RSD/691	Date of Issue :	20-Nov-2021		
Date of Calibration :	20-Nov-2021	Recom. Due Dt :	19-Nov-2022		
Name and Address of the Customer :			Customer Reference :		
M/s. RAO'S STANDARD DIAGNOSTIC PVT. LTD. Kukatpally, Hyderabad, T.S.			SRF No :	091	
			Calibrated at :	On-Site	
			Date of Receipt :	20-Nov-2021	
			Condition of item :	GOOD	
			Field of Calibration :	Electro-Technical	
Details of Instrument: (UUC / DUC)					
Description :	CENTRIFUGE	Make :	EURO DIAGNOSTIC		
Range :	0 to 99 min	Model :	ELECTAL BL-12T		
Resolution :	1 min	Serial No :	201905105		
Accuracy :	± 10 sec	ID No :	RSD/BME/LAB/CEN/01		
		Location :	Ground floor		
Master Instrument Details :					
Name	ID No.	Valid Upto	Traceability		
Digital Time Interval Meter	SME/TIM/23	Dt:03/07/2021 DueDt:03/07/2022	C-210625-7-3		
Work Instruction No :			SME/QM/WI/14		
Calibration Environment :					
Temperature :	24.2 °C	Relative Humidity :	41.2 % Rh		

Checked By:  M. SUJEET KUMAR Technical Manager	Authorised Signatory  SUDHEER M. KUMAR / M. SUJEET KUMAR QM & MD / D.QM & TM
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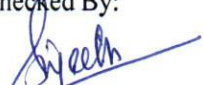

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url: www.smentp.com

## CALIBRATION CERTIFICATE

SME/QM/FF/43	<b>ULR NO : CC24712100000807F</b>		Page : 1 of 2
Certificate No.:	SME/RSDTH/693	Date of Issue :	20-Nov-2021
Date of Calibration :	20-Nov-2021	Recom. Due Dt :	19-Nov-2022
<b>Name and Address of the Customer :</b>		<b>Customer Reference :</b>	
M/s. RAO'S STANDARD DIAGNOSTIC PVT. LTD. Kukatpally, Hyderabad, T.S.		SRF No :	091
		Calibrated at :	On-Site
		Date of Receipt :	20-Nov-2021
		Condition of item :	GOOD
		Field of Calibration :	Thermal
<b>Details of Instrument: (UUC / DUC)</b>			
Description :	AUTO CLAVE	Make :	--
Range :	30 to 121 °C	Model :	--
Accuracy :	± 2°C	ID No :	RSD/BME/LAB/AUTO/01
Resolution :	0.1 °C	Location :	Ground floor
<b>Master Insurment Details :</b>			
Name	ID No.	Valid Upto:	Traceability
Digital Temperature indicator with Sensor	SME/DTI/010	Dt: 12/12/2020 DueDt:12/12/2021	C-201205-17-2
<b>Work Instruction No :</b>		SME/QM/WI/02	
<b>Calibration Environment :</b>			
Temperature :	24.3 °C	Relative Humidity :	40.3 % Rh

Checked By:  M. SUJEET KUMAR Technical Manager	Authorised Signatory  SUDHEER M. KUMAR / M. SUJEET KUMAR QM & MD / D.QM & TM
--	--



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url: www.smentp.com

Certificate No.: SME/RSDTH/698

Page : 2 of 2

## CALIBRATION RESULT

Temperature				
Sr. No	Standard Reading °C	Test Reading °C	Error (±) °C	Uncertainty (±) °C
1	-80.211	-80.1	0.11	0.65
2	-50.342	-50.1	0.24	2.80
3	-45.223	-45.2	0.02	2.80

### Note:

1. The above UUC/DUC was Calibrated at Lab.
2. Definition of UUC / DUC : Unit under Calibration / Device under Calibration.
3. The reported Expanded Uncertainty is calculated at 95.45 % with covarger factor  $k = 2$ .
4. Test reading given was the average of 5 Measurements.
5. The report shall not be reproduced in full/part without prior permission of S.M Enterprises.
6. The report refers only to particular item(s) submitted for calibration.
7. The calibration results reported are valid at the time of and under the stated conditions of the measurements.
8. The Equipment was Calibrated without any adjustment.
9. The above Expanded Uncertainty includes Repeatability, Stability, Resolution & Uncertainty of Measurements.
10. S.M Enterprises is not liable for any change in calibration data & performance specifications on account of malfunctioning of Standard / instrument / Equipments covered by this report due to damage caused to it after issuance of this report.
11. All Precautions have been taken for any error or omission while calibrating the instruments and issuing this certificate. However S.M Enterprises shall not be liable for any loss or liability that may be arised to any party in this regards.
12. The Equipments user for Calibration were Calibrated and traceable to National / International Standards.

END OF CERTIFICATE

Checked By:

  
M. SUJEET KUMAR  
Technical Manager

Authorised Signatory

  
SUDHEER M. KUMAR / M. SUJEET KUMAR  
QM & MD / D.QM & TM

Service Tax No.: AFVPS4924FST001, PAN No.: AFVPS4924F

A Approved Laboratory of ISO 9001-2015 / Traceable To ETDC/ NPL / NABL (Govt. of India)

Test EQUIPT/STANDARDS USED ARE TRACEABLE TO NATIONAL STANDARDS



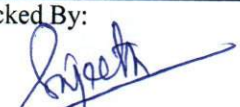
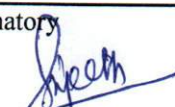
# S.M. ENTERPRISES

(Calibration and Testing of Electrical & Precision Instruments)

Office/Calibration Coming up NABL Plot No. 12, Sanjeevaiah Nagar, Co-operative Society, Beside Tadbund Hanuman Temple, Sikh Village, Secunderabad-500 009, T.S.  
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url: www.smentp.com

## CALIBRATION CERTIFICATE

SME/QM/FF/43	ULR NO : CC24712100000816F		Page : 1 of 2
Certificate No.:	SME/RSDTH/702	Date of Issue :	20-Nov-2021
Date of Calibration :	20-Nov-2021	Recom. Due Dt :	19-Nov-2022
<b>Name and Address of the Customer :</b>		<b>Customer Reference :</b>	
M/s. RAO'S STANDARD DIAGNOSTIC PVT. LTD. Kukatpally, Hyderabad, T.S.		SRF No :	091
		Calibrated at :	On-Site
		Date of Receipt :	20-Nov-2021
		Condition of item :	GOOD
		Field of Calibration :	Thermal
<b>Details of Instrument: (UUC / DUC)</b>			
Description :	20 Refrigerator	Make :	--
Range :	-20 °C	Model :	--
Accuracy :	± 2 °C	ID No :	RSD/BVME/LAB/REF/01
Resolution :	0.1 °C	Location :	CELLAR
<b>Master Instrument Details :</b>			
Name	ID No.	Valid Upto:	Traceability
Digital Temperature indicator with Sensor	SME/DTI/010	Dt: 12/12/2020 DueDt:12/12/2021	C-201205-17-2
<b>Work Instruction No :</b>		SME/QM/WI/02	
<b>Calibration Environment :</b>			
Temperature :	24.3 °C	Relative Humidity :	40.3 % Rh

Checked By:  M. SUJEET KUMAR Technical Manager	Authorised Signatory  SUDHEER M. KUMAR / M. SUJEET KUMAR QM & MD / D.QM & TM
--	--



# S.M. ENTERPRISES

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Office/Calibration Coming up NABL Plot No. 12, Sanjeevaiah Nagar, Co-operative Society, Beside Tadbund Hanuman Temple, Sikh Village, Secunderabad-500 009, T.S. (040) 27840697, Cell : 9848020798, 9948291008, 9948292008, 9948293008, 9948294008, 9848284719, Email: msudheer\_96@yahoo.com, SME\_003@YAHOO.IN, url: www.smentp.com

Certificate No.: SME/RSDTH/702

Page : 2 of 2

## CALIBRATION RESULT

### Temperature

Sr. No	Standard Reading °C	Test Reading °C	Error (±) °C	Uncertainty (±) °C
1	-20.442	-21.1	0.66	2.80

### Note:

1. The above UUC/DUC was Calibrated at Lab.
2. Definition of UUC / DUC : Unit under Calibration / Device under Calibration.
3. The reported Expanded Uncertainty is calculated at 95.45 % with covarger factor k = 2.
4. Test reading given was the average of 5 Measurements.
5. The report shall not be reproduced in full/part without prior permission of S.M Enterprises.
6. The report refers only to particular item(s) submitted for calibration.
7. The calibration results reported are valid at the time of and under the stated conditions of the measurements.
8. The Equipment was Calibrated without any adjustment.
9. The above Expanded Uncertainty includes Repeatability, Stability, Resolution & Uncertainty of F Measurements.
10. S.M Enterprises is not liable for any change in calibration data & performance specifications on account of malfunctioning of Standard / instrument / Equipments covered by this report due to damage caused to it after issuance of this report.
11. All Precautions have been taken for any error or omission while calibrating the instruments and issuing this certificate. However S.M Enterprises shall not be liable for any loss or liability that may be arised to any party in this regards.
12. The Equipments user for Calibration were Calibrated and traceable to National / International Standards.

END OF CERTIFICATE

Checked By:

M. SUJEET KUMAR  
Technical Manager

Authorised Signatory

SUDHEER M. KUMAR / M. SUJEET KUMAR  
QM & MD / D.QM & TM

Service Tax No.: AFVPS4924FST001, PAN No.: AFVPS4924F

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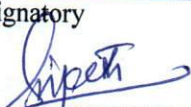
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url: www.smentp.com

## CALIBRATION CERTIFICATE

SME/QM/FF/46		ULR NO : CC24712100000818F		Page : 1 of 2	
Certificate No.:	SME/RSDMEC/704	Date of Issue :	20-Nov-2021		
Date of Calibration :	20-Nov-2021	Recom. Due Dt :	19-Nov-2022		
Name and Address of the Customer :		Customer Reference :			
M/s. RAO'S STANDARD DIAGNOSTIC PVT. LTD. Kukatpally, Hyderabad, T.S.		SRF No :	091		
		Calibrated at :	On-Site		
		Date of Receipt :	20-Nov-2021		
		Condition of item :	GOOD		
		Field of Calibration :	Mechanical		
Details of Instrument: (UUC / DUC)					
Description :	MINI CENTRIFUGE	Make :	REMI		
Range NON Contact:	0 to 6000 RPM	Model :	RM 02 PLUS		
Resolution :	1 RPM	Serial No :	ZHAN-3220		
Accuracy :	± 10 RPM	ID No :	RSD/BME/LAB/MIEC/01		
		Location :	CELLAR		
Master Instrument Details :					
Name	ID No.	Valid Upto	Traceability		
Digital Tachometer	SME/RPM/011	Dt:10/12/2020 DueDt:10/12/2021	C-201205-17-1		
Work Instruction No :		SME/QM/WI/09			
Calibration Environment :					
Temperature :	25.4 °C	Relative Humidity :	52.5 % Rh		

Checked By:  M. SUJEET KUMAR Technical Manager	Authorised Signatory  SUDHEER M. KUMAR / M. SUJEET KUMAR QM & MD / D.QM & TM
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# S.M. ENTERPRISES

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Certificate No.: SME/RSDMEC/704



Page : 2 of 2

Sr. No	Standard Reading RPM	CALIBRATION RESULT		Uncertainty RPM (±)
		Test Reading RPM	Error RPM(±)	
1	101.6	100	1.6	6.5
2	203.3	200	3.3	6.5
3	503.5	500	3.5	6.5
4	1002.2	1000	2.2	6.5
5	5005	5000	5	6.5
6	6003	6000	3	6.5

**Note:**

1. The above UUC/DUC was Calibrated at Lab.
2. Definition of UUC / DUC : Unit under Calibration / Device under Calibration.
3. The reported Expanded Uncertainty is calculated at 95.45 % with covarger factor  $k = 2$ .
4. Test reading given was the average of 5 Measurements.
5. The report shall not be reproduced in full/part without prior permission of S.M Enterprises.
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7. The calibration results reported are valid at the time of and under the stated conditions of the measurements.
8. The Equipment was Calibrated without any adjustment.
9. The above Expanded Uncertainty includes Repeatability, Stability, Resolution & Uncertainty of F Measurements.
10. S.M Enterprises is not liable for any change in calibration data & performance specifications on account of malfunctioning of Standard / instrument / Equipments covered by this report due to damage caused to it after issuance of this report.
11. All Precautions have been taken for any error or omission while calibrating the instruments and issuing this certificate. However S.M Enterprises shall not be liable for any loss or liability that may be arised to any party in this regards.
12. The Equipments user for Calibration were Calibrated and traceable to National / International Standards.

END OF CERTIFICATE

Checked By:  M. SUJEET KUMAR Technical Manager	Authorised Signatory  SUDHEER M. KUMAR / M. SUJEET KUMAR QM & MD / DQM & TM
--	---

Service Tax No.: AFVPS4924FST001, PAN No.: AFVPS4924F

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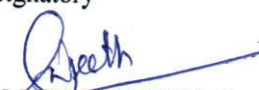
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url: www.smentp.com

## CALIBRATION CERTIFICATE

SME/QM/FF/44	ULR NO : CC24712100000821F		Page : 1 of 2
Certificate No.:	SME/RSDTH/707	Date of Issue :	20-Nov-2021
Date of Calibration :	20-Nov-2021	Recom. Due Dt :	19-Nov-2022
<b>Name and Address of the Customer :</b>		<b>Customer Reference :</b>	
M/s. RAO'S STANDARD DIAGNOSTIC PVT. LTD. Kukatpally, Hyderabad, T.S.		SRF No :	093
		Calibrated at :	In-House
		Date of Receipt :	20-Nov-2021
		Condition of item :	GOOD
		Field of Calibration :	Thermal
<b>Details of Instrument: (UUC / DUC)</b>			
Description :	HYDERO METER (Room Temp)	Make :	HTC
Range :	-10 °C to 50 °C   10 to 99%Rh	Model	HTC-1
Accuracy :	± 1 °C & ± 5 %RH	ID NO :	RSD/BME/LAB/HYDRO/01
Resolution :	0.1 °C & 1 % Rh	Location :	Ground floor
<b>Master Instrument Details :</b>			
Name	ID No.	Valid Upto:	Traceability
Digital Temperature Humidity Meter	SME/THM/05 SME/THM/05/1	Dt: 07/09/2021 DueDt: 07/09/2022	TSC/21-22/7670-1
Temperature & RH Bath	Used as Source		
<b>Work Instruction No :</b>		SME/QM/WI/05	
<b>Calibration Environment :</b>			
Temperature :	24.2 °C	Relative Humidity :	40.2% Rh

Checked By:  M. SUJEET KUMAR Technical Manager	Authorised Signatory  SUDHEER M. KUMAR / M. SUJEET KUMAR QM & MD / D.QM & TM
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url: www.smentp.com

Certificate No.: SME/RSDTH/707

Page : 2 of 2

## CALIBRATION RESULT

### Temperature Calibration

Sr. No	Standard Reading	Test Reading	Error ( $\pm$ )	Uncertainty
	$^{\circ}\text{C}$	$^{\circ}\text{C}$	$^{\circ}\text{C}$	( $\pm$ ) $^{\circ}\text{C}$
1	15.2	15.5	0.3	2.6
2	25.3	25.1	0.2	2.6
3	40.4	40.7	0.3	2.6
4	49.5	49.7	0.2	2.6

### Humidity Calibration @ ambient Temperature

Sr. No	Standard Reading	Test Reading	Error	Uncertainty
	%RH	%RH	%RH	( $\pm$ ) %RH
1	30.4	31	0.6	6.6
2	50.4	51	0.6	6.6
3	75.1	74	1.1	6.6
4	85.1	84	1.1	6.6
5	90.2	92	1.8	6.6

#### Note:

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13. The Equipments user for Calibration were Calibrated and traceable to National / International Standards.

END OF CERTIFICATE

Checked By:

  
M. SUJEET KUMAR  
Technical Manager

Authorised Signatory

  
SUDHEER M. KUMAR / M. SUJEET KUMAR  
QM & MD / D.QM & TM

Service Tax No.: AFVPS4924FST001, PAN No.: AFVPS4924F

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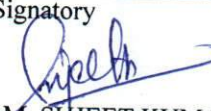
# S.M. ENTERPRISES

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url: www.smentp.com

## CALIBRATION CERTIFICATE

SME/QM/FF/44	<b>ULR NO : CC24712100000822F</b>			Page : 1 of 2
Certificate No.:	SME/RSDTH/708	Date of Issue :	20-Nov-2021	
Date of Calibration :	20-Nov-2021	Recom. Due Dt :	19-Nov-2022	
<b>Name and Address of the Customer :</b>		<b>Customer Reference :</b>		
M/s. RAO'S STANDARD DIAGNOSTIC PVT. LTD. Kukatpally, Hyderabad, T.S.		SRF No :	093	
		Calibrated at :	In-House	
		Date of Receipt :	20-Nov-2021	
		Condition of item :	GOOD	
		Field of Calibration :	Thermal	
<b>Details of Instrument: (UUC / DUC)</b>				
Description :	HYDERO METER (Room Temp)	Make :	HTC	
Range :	-10 °C to 50 °C   10 to 99%Rh	Model	HTC-1	
Accuracy :	± 1 °C & ± 5 %RH	ID NO :	RSD/BME/LAB/HYDRO/02	
Resolution :	0.1 °C & 1 % Rh	Location :	Ground floor	
<b>Master Instrument Details :</b>				
Name	ID No.	Valid Upto:	Traceability	
Digital Temperature Humidity Meter	SME/THM/05 SME/THM/05/1	Dt: 07/09/2021 DueDt: 07/09/2022	TSC/21-22/7670-1	
Temperature & RH Bath	Used as Source			
<b>Work Instruction No :</b>		SME/QM/WI/05		
<b>Calibration Environment :</b>				
Temperature :	24.2 °C	Relative Humidity :	40.2% Rh	

Checked By:  M. SUJEET KUMAR Technical Manager	Authorised Signatory  SUDHEER M. KUMAR / M. SUJEET KUMAR QM & MD / D.QM & TM
--	--



# S.M. ENTERPRISES

(Calibration and Testing of Electrical & Precision Instruments)

Office/Calibration Coming up NABL Plot No. 12, Sanjeevaiah Nagar, Co-operative Society, Beside Tadbund Hanuman Temple, Sikh Village, Secunderabad-500 009, T.S. : (040) 27840697, Cell : 9848020798, 9948291008, 9948292008, 9948293008, 9948294008, 9848284719, Email: msudheer\_96@yahoo.com, SME\_003@YAHOO.IN, url: www.smentp.com

Certificate No.: SME/RSDTH/708

Page : 2 of 2

## CALIBRATION RESULT

### Temperature Calibration

Sr. No	Standard Reading	Test Reading	Error (±)	Uncertainty
	°C	°C	°C	(±) °C
1	15.2	15.3	0.1	2.6
2	25.3	25.2	0.1	2.6
3	40.4	40.6	0.2	2.6
4	49.5	49.5	0.0	2.6

### Humidity Calibration @ ambient Temperature

Sr. No	Standard Reading	Test Reading	Error	Uncertainty
	%RH	%RH	%RH	(±) %RH
1	30.4	32	1.6	6.6
2	50.4	52	1.6	6.6
3	75.1	73	2.1	6.6
4	85.1	83	2.1	6.6
5	90.2	93	2.8	6.6

#### Note:


1. The above UUC/DUC was Calibrated at Lab.
2. Definition of UUC / DUC : Unit under Calibration / Device under Calibration.
3. The reported Expanded Uncertainty is calculated at 95.45 % with covarger factor k = 2.
4. Test reading given was the average of 5 Measurements.
5. The report shall not be reproduced in full/part without prior permission of S.M Enterprises.
6. The report refers only to particular item(s) submitted for calibration.
7. The calibration results reported are valid at the time of and under the stated conditions of the measurements.
8. The Equipment was Calibrated without any adjustment.
9. The above Expanded Uncertainty includes Repeatability, Stability, Resolution & Uncertainty of F Measurements.
10. S.M Enterprises is not liable for any change in calibration data & performance specifications on account of malfunctioning of Standard / instrument / Equipments covered by this report due to damage caused to it after issuance of this report.
11. S.M Enterprises is not liable for any change in calibration data & performance specifications on account of malfunctioning of Standard / instrument / Equipments covered by this report due to damage caused to it after issuance of this report.
12. All Precautions have been taken for any error or omission while calibrating the instruments and issuing this certificate. However S.M Enterprises shall not be liable for any loss or liability that may be arised to any party in this regards.
13. The Equipments user for Calibration were Calibrated and traceable to National / International Standards.

END OF CERTIFICATE

Checked By:

  
M. SUJEET KUMAR  
Technical Manager

Authorised Signatory

  
SUDHEER M. KUMAR / M. SUJEET KUMAR  
QM & MD / D.QM & TM

Service Tax No.: AFVPS4924FST001, PAN No.: AFVPS4924F

A Approved Laboratory of ISO 9001-2015 / Traceable To ETDC/ NPL / NABL (Govt. of India)

Test EQUIPT/STANDARDS USED ARE TRACEABLE TO NATIONAL STANDARDS



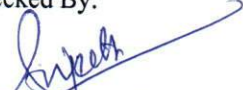
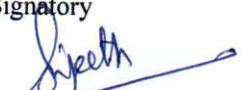
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url: www.smentp.com

## CALIBRATION CERTIFICATE

SME/QM/FF/44	<b>ULR NO : CC24712100000823F</b>		Page : 1 of 2
Certificate No.:	SME/RSDTH/709	Date of Issue :	20-Nov-2021
Date of Calibration :	20-Nov-2021	Recom. Due Dt :	19-Nov-2022
<b>Name and Address of the Customer :</b>		<b>Customer Reference :</b>	
M/s. RAO'S STANDARD DIAGNOSTIC PVT. LTD. Kukatpally, Hyderabad, T.S.		SRF No :	093
		Calibrated at :	In-House
		Date of Receipt :	20-Nov-2021
		Condition of item :	GOOD
		Field of Calibration :	Thermal
<b>Details of Instrument: (UUC / DUC)</b>			
Description :	HYDERO METER (Room Temp)	Make :	HTC
Range :	-10 °C to 50 °C   10 to 99%Rh	Model	HTC-1
Accuracy :	± 1 °C & ± 5 %RH	ID NO :	RSD/BME/LAB/HYDRO/03
Resolution :	0.1 °C & 1 % Rh	Location :	Ground floor
<b>Master Instrument Details :</b>			
Name	ID No.	Valid Upto:	Traceability
Digital Temperature Humidity Meter	SME/THM/05 SME/THM/05/1	Dt: 07/09/2021 DueDt: 07/09/2022	TSC/21-22/7670-1
Temperature & RH Bath	Used as Source		
<b>Work Instruction No :</b>		SME/QM/WI/05	
<b>Calibration Environment :</b>			
Temperature :	24.2 °C	Relative Humidity :	40.2% Rh

Checked By:  M. SUJEET KUMAR Technical Manager	Authorised Signatory  SUDHEER M. KUMAR / M. SUJEET KUMAR QM & MD / D.QM & TM
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Certificate No.: SME/RSDTH/709 Page : 2 of 2

## CALIBRATION RESULT



Temperature Calibration				
Sr. No	Standard Reading	Test Reading	Error (±)	Uncertainty
	°C	°C	°C	(±) °C
1	15.2	15.2	0.0	2.6
2	25.3	25.1	0.2	2.6
3	40.4	40.5	0.1	2.6
4	49.5	49.8	0.3	2.6

Humidity Calibration @ ambient Temperature				
Sr. No	Standard Reading	Test Reading	Error	Uncertainty
	%RH	%RH	%RH	(±) %RH
1	30.4	31	0.6	6.6
2	50.4	52	1.6	6.6
3	75.1	72	3.1	6.6
4	85.1	82	3.1	6.6
5	90.2	93	2.8	6.6

### Note:

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END OF CERTIFICATE

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Service Tax No.: AFVPS4924FST001, PAN No.: AFVPS4924F

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Test EQUIPT/STANDARDS USED ARE TRACEABLE TO NATIONAL STANDARDS



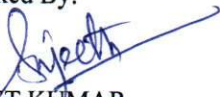

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url: www.smentp.com

## CALIBRATION CERTIFICATE

SME/QM/FF/44	ULR NO : CC24712100000824F		Page : 1 of 2
Certificate No.:	SME/RSDTH/710	Date of Issue :	20-Nov-2021
Date of Calibration :	20-Nov-2021	Recom. Due Dt :	19-Nov-2022
<b>Name and Address of the Customer :</b>		<b>Customer Reference :</b>	
M/s. RAO'S STANDARD DIAGNOSTIC PVT. LTD. Kukatpally, Hyderabad, T.S.		SRF No :	093
		Calibrated at :	In-House
		Date of Receipt :	20-Nov-2021
		Condition of item :	GOOD
		Field of Calibration :	Thermal
<b>Details of Instrument: (UUC / DUC)</b>			
Description :	REF TEMP PROBE	Make :	TEMP TEC
Range :	-10 °C to 50 °C   10 to 99%Rh	Model	TRIPURA
Accuracy :	± 1 °C & ± 5 %RH	ID NO :	RSD/BME/LAB/RTP/04
Resolution :	0.1 °C & 1 % Rh	Location :	Ground floor
<b>Master Instrument Details :</b>			
Name	ID No.	Valid Upto:	Traceability
Digital Temperature Humidity Meter	SME/THM/05 SME/THM/05/1	Dt: 07/09/2021 DueDt: 07/09/2022	TSC/21-22/7670-1
Temperature & RH Bath	Used as Source		
<b>Work Instruction No :</b>		SME/QM/WI/05	
<b>Calibration Environment :</b>			
Temperature :	24.2 °C	Relative Humidity :	40.2% Rh

Checked By:  M. SUJEET KUMAR Technical Manager	Authorised Signatory  SUDHEER M. KUMAR / M. SUJEET KUMAR QM & MD / D.QM & TM
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url: www.smentp.com

Certificate No.:	SME/RSDTH/710	Page : 2 of 2
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## CALIBRATION RESULT

### Temperature Calibration

Sr. No	Standard Reading	Test Reading	Error (±)	Uncertainty
	°C	°C	°C	(±) °C
1	15.2	15.5	0.3	2.6
2	25.3	25.2	0.1	2.6
3	40.4	40.6	0.2	2.6
4	49.5	49.8	0.3	2.6


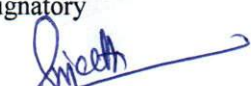
### Humidity Calibration @ ambient Temperature

Sr. No	Standard Reading	Test Reading	Error	Uncertainty
	%RH	%RH	%RH	(±) %RH
1	30.4	32	1.6	6.6
2	50.4	52	1.6	6.6
3	75.1	72	3.1	6.6
4	85.1	81	4.1	6.6
5	90.2	93	2.8	6.6

#### Note:

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END OF CERTIFICATE

Checked By:  M. SUJEET KUMAR Technical Manager	Authorised Signatory  SUDHEER M. KUMAR / M. SUJEET KUMAR QM & MD / D.QM & TM
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Service Tax No.: AFVPS4924FST001, PAN No.: AFVPS4924F

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Test EQUIPT/STANDARDS USED ARE TRACEABLE TO NATIONAL STANDARDS



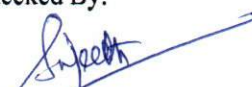
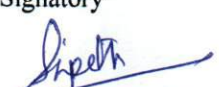
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url: www.smentp.com

## CALIBRATION CERTIFICATE

SME/QM/FF/44	<b>ULR NO : CC24712100000825F</b>		Page : 1 of 2
Certificate No.:	SME/RSDTH/711	Date of Issue :	20-Nov-2021
Date of Calibration :	20-Nov-2021	Recom. Due Dt :	19-Nov-2022
<b>Name and Address of the Customer :</b>		<b>Customer Reference :</b>	
M/s. RAO'S STANDARD DIAGNOSTIC PVT. LTD. Kukatpally, Hyderabad, T.S.		SRF No :	093
		Calibrated at :	In-House
		Date of Receipt :	20-Nov-2021
		Condition of item :	GOOD
		Field of Calibration :	Thermal
<b>Details of Instrument: (UUC / DUC)</b>			
Description :	REF TEMP PROBE	Make :	TEMP TEC
Range :	-10 °C to 50 °C   10 to 99%Rh	Model	TRIPURA
Accuracy :	± 1 °C & ± 5 %RH	ID NO :	RSD/BME/LAB/RTP/05
Resolution :	0.1 °C & 1 % Rh	Location :	Ground floor
<b>Master Insurment Detailis :</b>			
Name	ID No.	Valid Upto:	Traceability
Digital Temperature Humidity Meter	SME/THM/05 SME/THM/05/1	Dt: 07/09/2021 DueDt: 07/09/2022	TSC/21-22/7670-1
Temperature & RH Bath	Used as Source		
<b>Work Instruction No :</b>		SME/QM/WI/05	
<b>Calibration Environment :</b>			
Temperature :	24.2 °C	Relative Humidity :	40.2% Rh

Checked By:  M. SUJEET KUMAR Technical Manager	Authorised Signatory  SUDHEER M. KUMAR / M. SUJEET KUMAR QM & MD / D.QM & TM
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url: www.smentp.com

Certificate No.: SME/RSDTH/711 Page : 2 of 2

## CALIBRATION RESULT

### Temperature Calibration

Sr. No	Standard Reading	Test Reading	Error (±)	Uncertainty
	°C	°C	°C	(±) °C
1	15.2	15.2	0.0	2.6
2	25.3	25.2	0.1	2.6
3	40.4	40.3	0.1	2.6
4	49.5	49.8	0.3	2.6


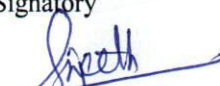
### Humidity Calibration @ ambient Temperature

Sr. No	Standard Reading	Test Reading	Error	Uncertainty
	%RH	%RH	%RH	(±) %RH
1	30.4	31	0.6	6.6
2	50.4	52	1.6	6.6
3	75.1	72	3.1	6.6
4	85.1	82	3.1	6.6
5	90.2	92	1.8	6.6

### Note:

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END OF CERTIFICATE

Checked By:  M. SUJEEET KUMAR Technical Manager	Authorised Signatory  SUDHEER M. KUMAR / M. SUJEEET KUMAR QM & MD / D.QM & TM
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Service Tax No.: AFVPS4924FST001, PAN No.: AFVPS4924F  
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url: www.smentp.com

## CALIBRATION CERTIFICATE

SME/QM/FF/43	<b>ULR NO : CC24712100000826F</b>		Page : 1 of 2
Certificate No.:	SME/RSDTH/712	Date of Issue :	20-Nov-2021
Date of Calibration :	20-Nov-2021	Recom. Due Dt :	19-Nov-2022
<b>Name and Address of the Customer :</b>		<b>Customer Reference :</b>	
M/s. RAO'S STANDARD DIAGNOSTIC PVT. LTD. Kukatpally, Hyderabad, T.S.		SRF No :	092
		Calibrated at :	On-Site
		Date of Receipt :	20-Nov-2021
		Condition of item :	GOOD
		Field of Calibration :	Thermal
<b>Details of Instrument: (UUC / DUC)</b>			
Description :	Temperature Probe	Make :	ACETEQ
Range :	-50 to 300 °C	Model :	DC-3
Accuracy :	± 2 °C	ID No :	RSD/BME/LAB/TEM/01
Resolution :	0.1 °C	Location :	Ground floor
<b>Master Insturment Details :</b>			
Name	ID No.	Valid Upto:	Traceability
SPRT Sensor	SME/SPRT/09	Dt: 25/08/2021 DueDt: 24/08/2022	TL/021/835.2.1
Handheld High - Precision Digital Thermometer	SME/DTM/11	Dt: 08/10/2021 DueDt: 08/10/2022	ETL/1046/21/C/F/396
Temperature Bath	Used as Source		
<b>Work Instruction No :</b>		SME/QM/WI/02	
<b>Calibration Environment :</b>			
Temperature :	24.3 °C	Relative Humidity :	40.3 % Rh

Checked By:  M. SUJEET KUMAR Technical Manager	Authorised Signatory  SUDHEER M. KUMAR / M. SUJEET KUMAR QM & MD / D.QM & TM
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Certificate No.: SME/PH/TH/712

Page : 2 of 2

## CALIBRATION RESULT

Temperature				
Sr. No	Standard Reading °C	Test Reading °C	Error (±) °C	Uncertainty (±) °C
1	-50.121	-50.3	0.18	0.85
2	-10.012	-10.2	0.19	0.85
3	0.022	0.2	0.18	0.85
4	50.221	50.1	0.12	0.85
5	200.231	200.4	0.17	0.85
6	299.899	299.7	0.20	0.85

### Note:

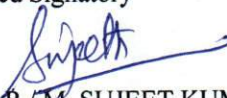
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Service Tax No.: AFVPS4924FST001, PAN No.: AFVPS4924F

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Test EQUIPT/STANDARDS USED ARE TRACEABLE TO NATIONAL STANDARDS



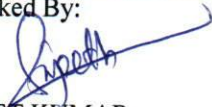
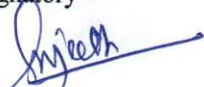
# S.M. ENTERPRISES

(Calibration and Testing of Electrical & Precision Instruments)

Office/Calibration Coming up NABL Plot No. 12, Sanjeevaiah Nagar, Co-operative Society, Beside Tadbund Hanuman Temple, Sikh Village, Secunderabad-500 009, T.S.  
:(040) 27840697, Cell : 9848020798, 9948291008, 9948292008, 9948293008, 9948294008, 9848284719, Email: msudheer\_96@yahoo.com, SME\_003@YAHOO.IN,  
url: www.smentp.com

## CALIBRATION CERTIFICATE

SME/QM/FF/43	<b>ULR NO : CC24712100000827F</b>		Page : 1 of 2
Certificate No.:	SME/RSDTH/713	Date of Issue :	20-Nov-2021
Date of Calibration :	20-Nov-2021	Recom. Due Dt :	19-Nov-2022
<b>Name and Address of the Customer :</b>		<b>Customer Reference :</b>	
M/s. RAO'S STANDARD DIAGNOSTIC PVT. LTD. Kukatpally, Hyderabad, T.S.		SRF No :	092
		Calibrated at :	On-Site
		Date of Receipt :	20-Nov-2021
		Condition of item :	GOOD
		Field of Calibration :	Thermal
<b>Details of Instrument: (UUC / DUC)</b>			
Description :	Temperature Probe	Make :	ACETEQ
Range :	-50 to 300 °C	Model :	DC-3
Accuracy :	± 2 °C	ID No :	RSD/BME/LAB/TEM/01
Resolution :	0.1 °C	Location :	Ground floor
<b>Master Instrument Details :</b>			
Name	ID No.	Valid Upto:	Traceability
SPRT Sensor	SME/SPRT/09	Dt: 25/08/2021 DueDt: 24/08/2022	TL/021/835.2.1
Handheld High - Precision Digital Thermometer	SME/DTM/11	Dt: 08/10/2021 DueDt: 08/10/2022	ETL/1046/21/C/F/396
Temperature Bath	Used as Source		
<b>Work Instruction No :</b>		SME/QM/WI/02	
<b>Calibration Environment :</b>			
Temperature :	24.3 °C	Relative Humidity :	40.3 % Rh

Checked By:  M. SUJEET KUMAR Technical Manager	Authorised Signatory  SUDHEER M. KUMAR / M. SUJEET KUMAR QM & MD / D.QM & TM
--	--

Service Tax No.: AFVPS4924FST001, PAN No.: AFVPS4924F

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Test EQUIPT/STANDARDS USED ARE TRACEABLE TO NATIONAL STANDARDS



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Certificate No.: SME/PH/TH/713

Page : 2 of 2

## CALIBRATION RESULT

### Temperature

Sr. No	Standard Reading °C	Test Reading °C	Error (±) °C	Uncertainty (±) °C
1	-50.121	-50.3	0.18	0.85
2	-10.012	-10.3	0.29	0.85
3	0.022	0.3	0.28	0.85
4	50.221	50.1	0.12	0.85
5	200.231	200.1	0.13	0.85
6	299.899	299.6	0.30	0.85

### Note:

1. The above UUC/DUC was Calibrated at Lab.
2. Definition of UUC / DUC : Unit under Calibration / Device under Calibration.
3. The reported Expanded Uncertainty is calculated at 95.45 % with covarger factor k = 2.
4. Test reading given was the average of 5 Measurements.
5. The report shall not be reproduced in full/part without prior permission of S.M Enterprises.
6. The report refers only to particular item(s) submitted for calibration.
7. The calibration results reported are valid at the time of and under the stated conditions of the measurements.
8. The Equipment was Calibrated without any adjustment.
9. The above Expanded Uncertainty includes Repeatability, Stability, Resolution & Uncertainty of Measurements.
10. S.M Enterprises is not liable for any change in calibration data & performance specifications on account of malfunctioning of Standard / instrument / Equipments covered by this report due to damage caused to it after issuance of this report.
11. All Precautions have been taken for any error or omission while calibrating the instruments and issuing this certificate. However S.M Enterprises shall not be liable for any loss or liability that may be arised to any party in this regards.
12. The Equipments user for Calibration were Calibrated and traceable to National / International Standards.

END OF CERTIFICATE

Checked By:

  
M. SUJEET KUMAR  
Technical Manager

Authorised Signatory

  
SUDHEER M. KUMAR / M. SUJEET KUMAR  
QM & MD / D.QM & TM

Service Tax No.: AFVPS4924FST001, PAN No.: AFVPS4924F

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url: www.smentp.com

## CALIBRATION CERTIFICATE

SME/QM/FF/43	<b>ULR NO : CC24712100000828F</b>			Page : 1 of 2
Certificate No.:	SME/RSDTH/714	Date of Issue :	20-Nov-2021	
Date of Calibration :	20-Nov-2021	Recom. Due Dt :	19-Nov-2022	
<b>Name and Address of the Customer :</b>		<b>Customer Reference :</b>		
M/s. RAO'S STANDARD DIAGNOSTIC PVT. LTD. Kukatpally, Hyderabad, T.S.		SRF No :	092	
		Calibrated at :	On-Site	
		Date of Receipt :	20-Nov-2021	
		Condition of item :	GOOD	
		Field of Calibration :	Thermal	
<b>Details of Instrument: (UUC / DUC)</b>				
Description :	Temperature Probe	Make :	ACETEQ	
Range :	-50 to 300 °C	Model :	DC-3	
Accuracy :	± 2 °C	ID No :	RSD/BME/LAB/TEM/02	
Resolution :	0.1 °C	Location :	Ground floor	
<b>Master Instrument Details :</b>				
Name	ID No.	Valid Upto:	Traceability	
SPRT Sensor	SME/SPRT/09	Dt: 25/08/2021 DueDt: 24/08/2022	TL/021/835.2.1	
Handheld High - Precision Digital Thermometer	SME/DTM/11	Dt: 08/10/2021 DueDt: 08/10/2022	ETL/1046/21/C/F/396	
Temperature Bath	Used as Source			
<b>Work Instruction No :</b>		SME/QM/WI/02		
<b>Calibration Environment :</b>				
Temperature :	24.3 °C	Relative Humidity :	40.3 % Rh	

Checked By:  M. SUJEET KUMAR Technical Manager	Authorised Signatory  SUDHEER M. KUMAR / M. SUJEET KUMAR QM & MD / D.QM & TM
--	--



# S.M. ENTERPRISES

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Office/Calibration Coming up NABL Plot No. 12, Sanjeevaiah Nagar, Co-operative Society, Beside Tadbund Hanuman Temple, Sikh Village, Secunderabad-500 009, T.S. (040) 27840697, Cell : 9848020798, 9948291008, 9948292008, 9948293008, 9948294008, 9848284719, Email: msudheer\_96@yahoo.com, SME\_003@YAHOO.IN, url: www.smentp.com

Certificate No.:	SME/PH/TH/714	Page : 2 of 2
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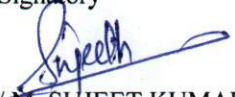
## CALIBRATION RESULT

Temperature				
Sr. No	Standard Reading °C	Test Reading °C	Error (±) °C	Uncertainty (±) °C
1	-50.121	-50.3	0.18	0.85
2	-10.012	-10.4	0.39	0.85
3	0.022	0.3	0.28	0.85
4	50.221	50.5	0.28	0.85
5	200.231	200.1	0.13	0.85
6	299.899	299.6	0.30	0.85

### Note:

1. The above UUC/DUC was Calibrated at Lab.
2. Definition of UUC / DUC : Unit under Calibration / Device under Calibration.
3. The reported Expanded Uncertainty is calculated at 95.45 % with covarger factor  $k = 2$ .
4. Test reading given was the average of 5 Measurements.
5. The report shall not be reproduced in full/part without prior permission of S.M Enterprises.
6. The report refers only to particular item(s) submitted for calibration.
7. The calibration results reported are valid at the time of and under the stated conditions of the measurements.
8. The Equipment was Calibrated without any adjustment.
9. The above Expanded Uncertainty includes Repeatability, Stability, Resolution & Uncertainty of F Measurements.
10. S.M Enterprises is not liable for any change in calibration data & performance specifications on account of malfunctioning of Standard / instrument / Equipments covered by this report due to damage caused to it after issuance of this report.
11. All Precautions have been taken for any error or omission while calibrating the instruments and issuing this certificate. However S.M Enterprises shall not be liable for any loss or liability that may be arised to any party in this regards.
12. The Equipments user for Calibration were Calibrated and traceable to National / International Standards.

END OF CERTIFICATE

Checked By:  M. SUJEET KUMAR Technical Manager	Authorised Signatory  SUDHEER M. KUMAR / M. SUJEET KUMAR QM & MD / D.QM & TM
--	--

Service Tax No.: AFVPS4924FST001, PAN No.: AFVPS4924F

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Test EQUIPT/STANDARDS USED ARE TRACEABLE TO NATIONAL STANDARDS



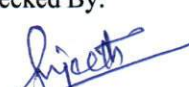

# S.M. ENTERPRISES

(Calibration and Testing of Electrical & Precision Instruments)

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:(040) 27840697, Cell : 9848020798, 9948291008, 9948292008, 9948293008, 9948294008, 9848284719, Email: msudheer\_96@yahoo.com, SME\_003@YAHOO.IN,  
url: www.smentp.com

## CALIBRATION CERTIFICATE

SME/QM/FF/43	<b>ULR NO : CC24712100000829F</b>		Page : 1 of 2
Certificate No.:	SME/RSDTH/715	Date of Issue :	20-Nov-2021
Date of Calibration :	20-Nov-2021	Recom. Due Dt :	19-Nov-2022
<b>Name and Address of the Customer :</b>		<b>Customer Reference :</b>	
M/s. RAO'S STANDARD DIAGNOSTIC PVT. LTD. Kukatpally, Hyderabad, T.S.		SRF No :	092
		Calibrated at :	On-Site
		Date of Receipt :	20-Nov-2021
		Condition of item :	GOOD
		Field of Calibration :	Thermal
<b>Details of Instrument: (UUC / DUC)</b>			
Description :	Temperature Probe	Make :	ACETEQ
Range :	-50 to 300 °C	Model :	DC-3
Accuracy :	± 2 °C	ID No :	RSD/BME/LAB/TEM/03
Resolution :	0.1 °C	Location :	Ground floor
<b>Master Instrurment Details :</b>			
Name	ID No.	Valid Upto:	Traceability
SPRT Sensor	SME/SPRT/09	Dt: 25/08/2021 DueDt: 24/08/2022	TL/021/835.2.1
Handheld High - Precision Digital Thermometer	SME/DTM/11	Dt: 08/10/2021 DueDt: 08/10/2022	ETL/1046/21/C/F/396
Temperature Bath	Used as Source		
<b>Work Instruction No :</b>		SME/QM/WI/02	
<b>Calibration Environment :</b>			
Temperature :	24.3 °C	Relative Humidity :	40.3 % Rh

Checked By:  M. SUJBET KUMAR Technical Manager	Authorised Signatory  SUDHEER M. KUMAR / M. SUJBET KUMAR QM & MD / D.QM & TM
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# S.M. ENTERPRISES

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Office/Calibration Coming up NABL Plot No. 12, Sanjeevaiah Nagar, Co-operative Society, Beside Tadbund Hanuman Temple, Sikh Village, Secunderabad-500 009. T.S.  
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url: www.smentp.com

Certificate No.: SME/PH/TH/715

Page : 2 of 2

## CALIBRATION RESULT

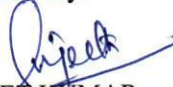
Temperature				
Sr. No	Standard Reading °C	Test Reading °C	Error (±) °C	Uncertainty (±) °C
1	-50.121	-49.9	0.22	0.85
2	-10.012	-10.4	0.39	0.85
3	0.022	0.3	0.28	0.85
4	50.221	49.9	0.32	0.85
5	200.231	200.1	0.13	0.85
6	299.899	299.6	0.30	0.85

### Note:

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- 11.All Precautions have been taken for any error or omission while calibrating the instruments and issuing this certificate. However S.M Enterprises shall not be liable for any loss or liability that may be arised to any party in this regards.
- 12.The Equipments user for Calibration were Calibrated and traceable to National / International Standards.

END OF CERTIFICATE

Checked By:

  
M. SUJEET KUMAR  
Technical Manager

Authorised Signatory

  
SUDHEER M. KUMAR / M. SUJEET KUMAR  
QM & MD / D.QM & TM

Service Tax No.: AFVPS4924FST001, PAN No.: AFVPS4924F

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url: www.smentp.com

## CALIBRATION CERTIFICATE

SME/QM/FF/43	ULR NO : CC24712100000830F		Page : 1 of 2
Certificate No.:	SME/RSDTH/716	Date of Issue :	20-Nov-2021
Date of Calibration :	20-Nov-2021	Recom. Due Dt :	19-Nov-2022
<b>Name and Address of the Customer :</b>		<b>Customer Reference :</b>	
M/s. RAO'S STANDARD DIAGNOSTIC PVT. LTD. Kukatpally, Hyderabad, T.S.		SRF No :	092
		Calibrated at :	On-Site
		Date of Receipt :	20-Nov-2021
		Condition of item :	GOOD
		Field of Calibration :	Thermal
<b>Details of Instrument: (UUC / DUC)</b>			
Description :	Temperature Probe	Make :	ACETEQ
Range :	-50 to 300 °C	Model :	DC-3
Accuracy :	± 2 °C	ID No :	RSD/BME/LAB/TEM/03
Resolution :	0.1 °C	Location :	Ground floor
<b>Master Instrument Details :</b>			
Name	ID No.	Valid Upto:	Traceability
SPRT Sensor	SME/SPRT/09	Dt: 25/08/2021 DueDt: 24/08/2022	TL/021/835.2.1
Handheld High - Precision Digital Thermometer	SME/DTM/11	Dt: 08/10/2021 DueDt: 08/10/2022	ETL/1046/21/C/F/396
Temperature Bath	Used as Source		
<b>Work Instruction No :</b>		SME/QM/WI/02	
<b>Calibration Environment :</b>			
Temperature :	24.3 °C	Relative Humidity :	40.3 % Rh

Checked By:  M. SUJEEET KUMAR Technical Manager	Authorised Signatory  SUDHEER M. KUMAR / M. SUJEEET KUMAR QM & MD / D.QM & TM
---	---



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url: www.smentp.com

Certificate No.: SME/PH/TH/716

Page : 2 of 2

## CALIBRATION RESULT

### Temperature

Sr. No	Standard Reading °C	Test Reading °C	Error (±) °C	Uncertainty (±) °C
1	-50.121	-49.9	0.22	0.85
2	-10.012	-10.4	0.39	0.85
3	0.022	0.3	0.28	0.85
4	50.221	49.9	0.32	0.85
5	200.231	200.5	0.27	0.85
6	299.899	299.6	0.30	0.85

### Note:

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2. Definition of UUC / DUC : Unit under Calibration / Device under Calibration.
3. The reported Expanded Uncertainty is calculated at 95.45 % with covarger factor  $k = 2$ .
4. Test reading given was the average of 5 Measurements.
5. The report shall not be reproduced in full/part without prior permission of S.M Enterprises.
6. The report refers only to particular item(s) submitted for calibration.
7. The calibration results reported are valid at the time of and under the stated conditions of the measurements.
8. The Equipment was Calibrated without any adjustment.
9. The above Expanded Uncertainty includes Repeatability, Stability, Resolution & Uncertainty of Measurements.
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12. The Equipments user for Calibration were Calibrated and traceable to National / International Standards.

END OF CERTIFICATE

Checked By:

  
M. SUJEET KUMAR  
Technical Manager

Authorised Signatory

  
SUDHEER M. KUMAR / M. SUJEET KUMAR  
QM & MD / D.QM & TM

Service Tax No.: AFVPS4924FST001, PAN No.: AFVPS4924F

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Test EQUIPT/STANDARDS USED ARE TRACEABLE TO NATIONAL STANDARDS




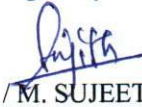
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url: www.smentp.com

## CALIBRATION CERTIFICATE

SME/QM/FF/46		ULR NO : CC24712100000805F		Page : 1 of 2	
Certificate No.:	SME/RSDMEC/690	Date of Issue :	20-Nov-2021		
Date of Calibration :	20-Nov-2021	Recom. Due Dt :	19-Nov-2022		
<b>Name and Address of the Customer :</b>			<b>Customer Reference :</b>		
M/s. RAO'S STANDARD DIAGNOSTIC PVT. LTD. Kukatpally, Hyderabad, T.S.			SRF No :	091	
			Calibrated at :	On-Site	
			Date of Receipt :	20-Nov-2021	
			Condition of item :	GOOD	
			Field of Calibration :	Mechanical	
<b>Details of Instrument: (UUC / DUC)</b>					
Description :	CENTRIFUGE	Make :	EURO DIAGNOSTIC		
Range NON Contact:	0 to 4000 RPM	Model :	ELECTAL BL-12T		
Resolution :	1 RPM	Serial No :	201905105		
Accuracy :	± 10 RPM	ID No :	RSD/BME/LAB/CEN/01		
		Location :	Ground floor		
<b>Master Instrument Details :</b>					
Name		ID No.	Valid Upto	Traceability	
Digital Tachometer		SME/RPM/011	Dt:10/12/2020 DueDt:10/12/2021	C-201205-17-1	
<b>Work Instruction No :</b>			SME/QM/WI/09		
<b>Calibration Environment :</b>					
Temperature :	25.4 °C	Relative Humidity :	52.5 % Rh		

Checked By:  M. SUJEET KUMAR Technical Manager	Authorised Signatory  SUDHEER M. KUMAR / M. SUJEET KUMAR QM & MD / D.QM & TM
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# S.M. ENTERPRISES

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url: www.smentp.com

Certificate No.: SME/RSDMEC/690

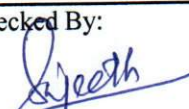
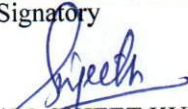
Page : 2 of 2

Sr. No	Standard Reading RPM	CALIBRATION RESULT		Uncertainty RPM (±)
		Test Reading RPM	Error RPM(±)	
1	101.5	100	1.5	6.5
2	203.2	200	3.2	6.5
3	503.3	500	3.3	6.5
4	1002.4	1000	2.4	6.5
5	3004	3000	4	6.5
6	4004	4000	4	6.5

**Note:**

1. The above UUC/DUC was Calibrated at Lab.
2. Definition of UUC / DUC : Unit under Calibration / Device under Calibration.
3. The reported Expanded Uncertainty is calculated at 95.45 % with covarger factor  $k = 2$ .
4. Test reading given was the average of 5 Measurements.
5. The report shall not be reproduced in full/part without prior permission of S.M Enterprises.
6. The report refers only to particular item(s) submitted for calibration.
7. The calibration results reported are valid at the time of and under the stated conditions of the measurements.
8. The Equipment was Calibrated without any adjustment.
9. The above Expanded Uncertainty includes Repeatability,Stability,Resolution & Uncertainty of F Measurements.
- 10.S.M Enterprises is not liable for any change in calibration data & performance specifications on account of malfunctioning of Standard / instrument / Equipments covered by this report due to damage caused to it after issuance of this report.
- 11.All Precautions have been taken for any error or omission while calibrating the instruments and issuing this certificate. However S.M Enterprises shall not be liable for any loss or liability that may be arised to any party in this regards.
- 12.The Equipments user for Calibration were Calibrated and traceable to National / International Standards.

END OF CERTIFICATE

Checked By:  M. SUJEET KUMAR Technical Manager	Authorised Signatory  SUDHEER M. KUMAR / M. SUJEET KUMAR QM & MD / D.QM & TM
--	--

Service Tax No.: AFVPS4924FST001, PAN No.: AFVPS4924F

A Approved Laboratory of ISO 9001-2015 / Traceable To ETDC/ NPL / NABL (Govt. of India)

Test EQUIPT/STANDARDS USED ARE TRACEABLE TO NATIONAL STANDARDS



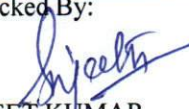
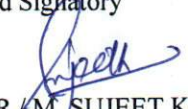
# S.M. ENTERPRISES

(Calibration and Testing of Electrical & Precision Instruments)

Office/Calibration Coming up NABL Plot No. 12, Sanjeevaiah Nagar, Co-operative Society, Beside Tadbund Hanuman Temple, Sikh Village, Secunderabad-500 009, T.S.  
:(040) 27840697, Cell : 9848020798, 9948291008, 9948292008, 9948293008, 9948294008, 9848284719, Email: msudheer\_96@yahoo.com, SME\_003@YAHOO.IN,  
url: www.smentp.com

## CALIBRATION CERTIFICATE

SME/QM/FF/68		ULR NO : CC24712100000805F		Page : 1 of 2	
Certificate No.:	SME/RSDDET/691	Date of Issue :	20-Nov-2021		
Date of Calibration :	20-Nov-2021	Recom. Due Dt :	19-Nov-2022		
<b>Name and Address of the Customer :</b>			<b>Customer Reference :</b>		
M/s. RAO'S STANDARD DIAGNOSTIC PVT. LTD. Kukatpally, Hyderabad, T.S.			SRF No :	091	
			Calibrated at :	On-Site	
			Date of Receipt :	20-Nov-2021	
			Condition of item :	GOOD	
			Field of Calibration :	Electro-Technical	
<b>Details of Instrument: (UUC / DUC)</b>					
Description :	CENTRIFUGE	Make :	EURO DIAGNOSTIC		
Range :	0 to 99 min	Model :	ELECTAL BL-12T		
Resolution :	1 min	Serial No :	201905105		
Accuracy :	± 10 sec	ID No :	RSD/BME/LAB/CEN/01		
		Location :	Ground floor		
<b>Master Instrument Details :</b>					
Name		ID No.	Valid Upto	Traceability	
Digital Time Interval Meter		SME/TIM/23	Dt:03/07/2021 DueDt:03/07/2022	C-210625-7-3	
<b>Work Instruction No :</b>			SME/QM/WI/14		
<b>Calibration Environment :</b>					
Temperature :	24.2 °C	Relative Humidity :	41.2 % Rh		

Checked By:  M. SUJEET KUMAR Technical Manager	Authorised Signatory  SUDHEER M. KUMAR / M. SUJEET KUMAR QM & MD / D.QM & TM
--	--



# S.M. ENTERPRISES

(Calibration and Testing of Electrical & Precision Instruments)

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:(040) 27840697, Cell : 9848020798, 9948291008, 9948292008, 9948293008, 9948294008, 9848284719, Email: msudheer\_96@yahoo.com, SME\_003@YAHOO.IN,  
url: www.smentp.com

Certificate No.: SME/RSDet/691

Page : 2 of 2

## CALIBRATION RESULT

Time Calibration							
Sr.No.	Standard Reading				UUC Reading	Error	Uncertainty
	Hr	min	Sec	ms	min	in s	± in s
1	0	0	1	078	0	0.078	1.25
2	0	1	0	120	1	0.120	1.25
3	0	5	0	182	5	0.182	1.25
4	0	15	0	182	15	0.182	1.25
5	0	30	0	221	30	0.221	1.25
Sr.No.	Standard Reading				UUC Reading	Error	Uncertainty
	Hr	min	Sec	ms	min	in s	± in s
5	1	0	0	805	60	0.805	1.25

### Note:

1. The above UUC/DUC was Calibrated at Lab.
2. Definition of UUC / DUC : Unit under Calibration / Device under Calibration.
3. The reported Expanded Uncertainty is calculated at 95.45 % with covarger factor k = 2.
4. Test reading given was the average of 5 Measurements.
5. The report shall not be reproduced in full/part without prior permission of S.M Enterprises.
6. The report refers only to particular item(s) submitted for calibration.
7. The calibration results reported are valid at the time of and under the stated conditions of the measurements.
8. The Equipment was Calibrated without any adjustment.
9. The above Expanded Uncertainty includes Repeatability, Stability, Resolution & Uncertainty of Measurements.
10. S.M Enterprises is not liable for any change in calibration data & performance specifications on account of malfunctioning of Standard / instrument / Equipments covered by this report due to damage caused to it after issuance of this report.
11. All Precautions have been taken for any error or omission while calibrating the instruments and issuing this certificate. However S.M Enterprises shall not be liable for any loss or liability that may be arised to any party in this regards.
12. The Equipments user for Calibration were Calibrated and traceable to National / International Standards.

END OF CERTIFICATE

Checked By:

  
M. SUJEET KUMAR  
Technical Manager

Authorised Signatory

  
SUDHEER M. KUMAR / M. SUJEET KUMAR  
QM & MD / D.QM & TM

Service Tax No.: AFVPS4924FST001, PAN No.: AFVPS4924F

A Approved Laboratory of ISO 9001-2015 / Traceable To ETDC/ NPL / NABL (Govt. of India)

Test EQUIPT/STANDARDS USED ARE TRACFABIF TO NATIONAL STANDARDS




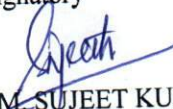
# S.M. ENTERPRISES

(Calibration and Testing of Electrical & Precision Instruments)

Office/Calibration Coming up NABL Plot No. 12, Sanjeevaiah Nagar, Co-operative Society, Beside Tadbund Hanuman Temple, Sikh Village, Secunderabad-500 009, T.S.  
(040) 27840697, Cell : 9848020798, 9948291008, 9948292008, 9948293008, 9948294008, 9848284719, Email: msudheer\_96@yahoo.com, SME\_003@YAHOO.IN,  
url: www.smentp.com

## CALIBRATION CERTIFICATE

SME/QM/FF/43	ULR NO : CC24712100000807F		Page : 1 of 2
Certificate No.:	SME/RSDTH/693	Date of Issue :	20-Nov-2021
Date of Calibration :	20-Nov-2021	Recom. Due Dt :	19-Nov-2022
<b>Name and Address of the Customer :</b>		<b>Customer Reference :</b>	
M/s. RAO'S STANDARD DIAGNOSTIC PVT. LTD. Kukatpally, Hyderabad, T.S.		SRF No :	091
		Calibrated at :	On-Site
		Date of Receipt :	20-Nov-2021
		Condition of item :	GOOD
		Field of Calibration :	Thermal
<b>Details of Instrument: (UUC / DUC)</b>			
Description :	AUTO CLAVE	Make :	--
Range :	30 to 121 °C	Model :	--
Accuracy :	± 2°C	ID No :	RSD/BME/LAB/AUTO/01
Resolution :	0.1 °C	Location :	Ground floor
<b>Master Instrument Details :</b>			
Name	ID No.	Valid Upto:	Traceability
Digital Temperature indicator with Sensor	SME/DTI/010	Dt: 12/12/2020 DueDt:12/12/2021	C-201205-17-2
<b>Work Instruction No :</b>		SME/QM/WI/02	
<b>Calibration Environment :</b>			
Temperature :	24.3 °C	Relative Humidity :	40.3 % Rh

Checked By:  M. SUJEET KUMAR Technical Manager	Authorised Signatory  SUDHEER M. KUMAR / M. SUJEET KUMAR QM & MD / D.QM & TM
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## CALIBRATION CERTIFICATE OF CHEM ULTRA ANALYZER

Issued to : Rao's Standard Diagnostics Pvt. Ltd.  
 Certificate No. : TEV/CAL/RSD/CA/21/01  
 Asset No. : RSD/BME/CA/01 Serial No : AES2K0KH02040Y  
 Model No : NA Date : 14.12.2021

### CALIBRATION STANDARD USED

S NO	ASSET NO	TEST EQUIPMENT	MODEL NO	SERIAL NO	CAL DATE	CAL DUE DATE
1	TEV / NIBPA / 01	ELECTRICAL SAFETY ANALYSER	ESA - 612	2111026	15.05.2021	14.05.2022

### TEST REPORT

#### ELECTRICAL SAFETY ANALYZER TEST RESULTS

TEST	RESULTS	LIMITS
Line(Mains)Voltage	233.5	0.0 to 300.0V ac rms
Ground Wire Resistance	0.003Ω	0.000 to 2.000 Ω
Equipment current	1.4A	0 to 20.0 A ac rms
Insulation resistance	2 M Ω	+/-2% +0.2 M Ω
Ground(Earth) Leakage	12 μA(AC+DC)	10 to 199 Ma
Chassis(Enclosure)Leakage	0.6Ma	0.0 to 199.9 μA
Lead to Ground and Lead to lead	0.4 μA(AC+DC)	0.0 to 1999 μA
Lead isolation	0.4Ma	0.0 to 1999 μA
Differential Leakage	0.1Ma	0.0 to 1999 μA
Direct Equipment Leakage	0.3μA	0.0 to 1999 μA
Direct applied part Leakage	0.7Ma	0.0 to 1999 μA
Alternative applied part patient leakage	0.01Ω	0.0 to 1999 Ma
Point to point leakage, Voltage and Resistance	0.2μA,0.2v&OLΩ	+/-2% +0.2V

**Electrical safety test passed as per IEC Stand 60601.1**

Calibration Passed: Yes  No

Calibration Done Date: 14.12.2021

Calibration Due Date: 13.12.2022

**Calibrated By:** Ms. M. Swathi, Engineer

**Approved By:**

Engineering Manager

The above mentioned instrument has been certified using standards with accuracy guidelines traceable to the national institute of standards & technology (NIST). Devices, for which there are no NIST calibration standards, were measured against in-house performance standard using accepted test procedures.

238/A, 3<sup>rd</sup> Link Street, Industrial Complex,  
Nehru Nagar, I.T. Highway,  
Chennai - 600 096. Tamil Nadu, Phone: +91-44-24540611 | Cell: +91 9444056612  
Telefax : +91-44-2454 0034

Email: [theeagleview@gmail.com](mailto:theeagleview@gmail.com) | [automikrotekh@airtelmail.in](mailto:automikrotekh@airtelmail.in)





## CALIBRATION CERTIFICATE OF ADIDUO PLUS

Issued to : Rao's Standard Diagnostics Pvt. Ltd.  
 Certificate No. : TEV/CAL/RSD/ABA/21/02  
 Asset No. : RSD/BME/APBA/02      Serial No : ES10019112P9160  
 Model No : ADI DUO PLUS      Date : 14.12.2021

### CALIBRATION STANDARD USED

S NO	ASSET NO	TEST EQUIPMENT	MODEL NO	SERIAL NO	CAL DATE	CAL DUE DATE
1	TEV / NIBPA / 01	ELECTRICAL SAFETY ANALYSER	ESA - 612	2111026	15.05.2021	14.05.2022

### TEST REPORT

#### ELECTRICAL SAFETY ANALYZER TEST RESULTS

TEST	RESULTS	LIMITS
Line(Mains)Voltage	233.5	0.0 to 300.0V ac rms
Ground Wire Resistance	0.003Ω	0.000 to 2.000 Ω
Equipment current	1.4A	0 to 20.0 A ac rms
Insulation resistance	2 M Ω	+/-2% +0.2 M Ω
Ground(Earth) Leakage	12 μA(AC+DC)	10 to 199 Ma
Chassis(Enclosure)Leakage	0.6Ma	0.0 to 199.9 μA
Lead to Ground and Lead to lead	0.4 μA(AC+DC)	0.0 to 1999 μA
Lead isolation	0.4Ma	0.0 to 1999 μA
Differential Leakage	0.1Ma	0.0 to 1999 μA
Direct Equipment Leakage	0.3μA	0.0 to 1999 μA
Direct applied part Leakage	0.7Ma	0.0 to 1999 μA
Alternative applied part patient leakage	0.01Ω	0.0 to 1999 Ma
Point to point leakage, Voltage and Resistance	0.2μA,0.2v&OLΩ	+/-2% +0.2V

**Electrical safety test passed as per IEC Stand 60601.1**

Calibration Passed:    Yes       No

Calibration Done Date: **14.12.2021**

Calibration Due Date: **13.12.2022**

**Calibrated By:** Ms. M. Swathi, Engineer

**Approved By:**

\_\_\_\_\_  
Engineering Manager

The above mentioned instrument has been certified using standards with accuracy guidelines traceable to the national institute of standards & technology (NIST). Devices, for which there are no NIST calibration standards, were measured against in-house performance standard using accepted test procedures.

**238/A, 3<sup>rd</sup> Link Street, Industrial Complex,  
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Chennai - 600 096. Tamil Nadu, Phone: +91-44-24540611 | Cell: +91 9444056612  
Telefax : +91-44-2454 0034  
Email: [theeagleview@gmail.com](mailto:theeagleview@gmail.com) | [automikrotekh@airtelmail.in](mailto:automikrotekh@airtelmail.in)**





## CALIBRATION CERTIFICATE OF WEIGHT MACHINE

Issued to : Rao's Standard Diagnostics Pvt. Ltd.  
Certificate No. : TEV/CAL/WM/RSD/21/04  
Asset No. : RSD/BME/WM/04 Serial No : NA  
Make : N/A Date : 14.12.2021

### CALIBRATION STANDARD USED

S NO	ASSET NO	TEST EQUIPMENT	MODEL NO	SERIAL NO	CAL DATE	CAL DUE DATE
1	TEV / SW / 03	STD WEIGHTS	NA	DS30	19.09.2021	18.09.2022

### TEST REPORT

S NO	SET VALUE in gms	MEASURED VALUE in gms	ACCEPTABLE RANGE	RAMARKS
01	1	1.003	+/-5%	Satisfactory
02	5	4.038	+/-5%	Satisfactory
03	10	10.043	+/-5%	Satisfactory
04	50	51.021	+/-5%	Satisfactory
05	150	150.032	+/-5%	Satisfactory

Calibration Passed: Yes  No

Calibration Done Date: 14.12.2021

Calibration Due Date: 13.12.2022

**Calibrated By:** Mr. D. Utpalendu, Engineer

**Approved By:**

Engineering Manager

The above mentioned instrument has been certified using standards with accuracy guidelines traceable to the national institute of standards & technology (NIST). Devices, for which there are no NIST calibration standards, were measured against in-house performance standard using accepted test procedures.

238/A, 3<sup>rd</sup> Link Street, Industrial Complex,  
Nehru Nagar, I.T. Highway,

Chennai - 600 096. Tamil Nadu, Phone: +91-44-24540611 | Cell: +91 9444056612

Telefax : +91-44-2454 0034

Email: [theeaagleview@gmail.com](mailto:theeaagleview@gmail.com) | [automikrotekh@airtelmail.in](mailto:automikrotekh@airtelmail.in)





## CALIBRATION CERTIFICATE OF REF PROBE

Issued to : Rao's Standard Diagnostics Pvt. Ltd.  
Certificate No. : TEV/CAL/RSD/REF/21/03  
Asset No. : RSD/BME/REGP/03 Serial No : 1506009  
Model No : NA Date : 14.12.2021

### METHOD OF CALIBRATION

The calibration certificate was produced in accordance to the instrument was calibrated for the points specified in the relevant in house technical procedure TEV –CP – T01 – 2021 as defined for the equipment. The designed instrument has been calibrated at TEV calibration laboratory under the ambient conditions.

### RESULT OF CALIBRATION

1. The measured values are average of 3 readings
2. The result stated in the certificate relate only to the item calibrated.
3. The report expanded uncertainty is calculated at 95.45% confidence levels with a coverage factor of  $k = 2$

### REMARKS

- The result of the calibration are given on the attached following pages
- No adjacement was done unless otherwise stated.
- Corrections / erasing, invalidate the calibration certificate
- The user should determine the suitability of the instrument for its intended use
- The report shall not be reproduced except in full, unless the management representative of TEV Calibration has given approval in writing and comply with the requirements specified in ISO/IEC 17025

### CALIBRATION ESULTS

STANDARD READINGS (REF)	TEST READINGS (UUT)	ERROR	UNCERTAINTY (+/-)
$^{\circ}\text{C}$	$^{\circ}\text{C}$	$^{\circ}\text{C}$	$^{\circ}\text{C}$
4.37	4	- 0.37	0.98

Calibration Passed: Yes  No

Calibration Done Date: 14.12.2021

Calibration Due Date: 13.12.2022

Calibrated By: Ms. M. Swathi, Engineer

Approved By:

  
Engineering Manager

The above mentioned instrument has been certified using standards with accuracy guidelines traceable to the national institute of standards & technology (NIST). Devices, for which there are no NIST calibration standards, were measured against in-house performance standard using accepted test procedures.

238/A, 3<sup>rd</sup> Link Street, Industrial Complex,  
Nehru Nagar, I.T. Highway,  
Chennai - 600 096. Tamil Nadu, Phone: +91-44-24540611 | Cell: +91 9444056612  
Telefax : +91-44-2454 0034

Email: theeaagleview@gmail.com | automikrotekh@airtelmail.in





## CALIBRATION CERTIFICATE OF MICROSCOPE

Issued to : Rao's Standard Diagnostics Pvt. Ltd.  
 Certificate No. : TEV/CAL/RSD/MS/21/01  
 Asset No. : NA Serial No : 16F0330  
 Model No : CH 20i B Date : 14.12.2021

### CALIBRATION STANDARD USED

S NO	ASSET NO	TEST EQUIPMENT	MODEL NO	SERIAL NO	CAL DATE	CAL DUE DATE
1	TEV / NIBPA / 01	ELECTRICAL SAFETY ANALYSER	ESA - 612	2111026	15.05.2021	14.05.2022

### TEST REPORT

Test	Type	Results	Limits
Main Voltage	Line Neutral	236.4	240v+-10%
Current consumption		0673mA	NA
Insulation resistance	Ground resistance	71.5M ohm	200m ohm
Earth leakage current	Open supply	41.4	1000 micro amps
Earth leakage current	Normal condition	26.8	500 micro amps
Earth leakage current	Open supply reverse mains	41.6	1000 micro amps
Earth leakage current	Normal condition, reverse mains	23.9	500 micro amps
Enclosure leakage current	Open supply	00	500 micro amps
Enclosure leakage current	Normal condition	00	100 micro amps
Enclosure leakage current	Open earth	28.5	500 micro amps
Enclosure leakage current	Open supply reverse mains	00	500 micro amps
Enclosure leakage current	Normal condition, reverse mains	00	100 micro amps
Enclosure leakage current	Open earth, reverse mains	26.6	500 micro amps

**Electrical safety test passed as per IEC Stand 60601.1**

Calibration Passed: Yes  No

Calibration Done Date: 14.12.2021

Calibration Due Date: 13.12.2022

**Calibrated By: Ms. M. Swathi, Engineer**

**Approved By:**



Engineering Manager

The above mentioned instrument has been certified using standards with accuracy guidelines traceable to the national institute of standards & technology (NIST). Devices, for which there are no NIST calibration standards, were measured against in-house performance standard using accepted test procedures.

**238/A, 3<sup>rd</sup> Link Street, Industrial Complex,  
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QC Monitor - Day to Day Chart

Print Time [11/04/2022 19:42]

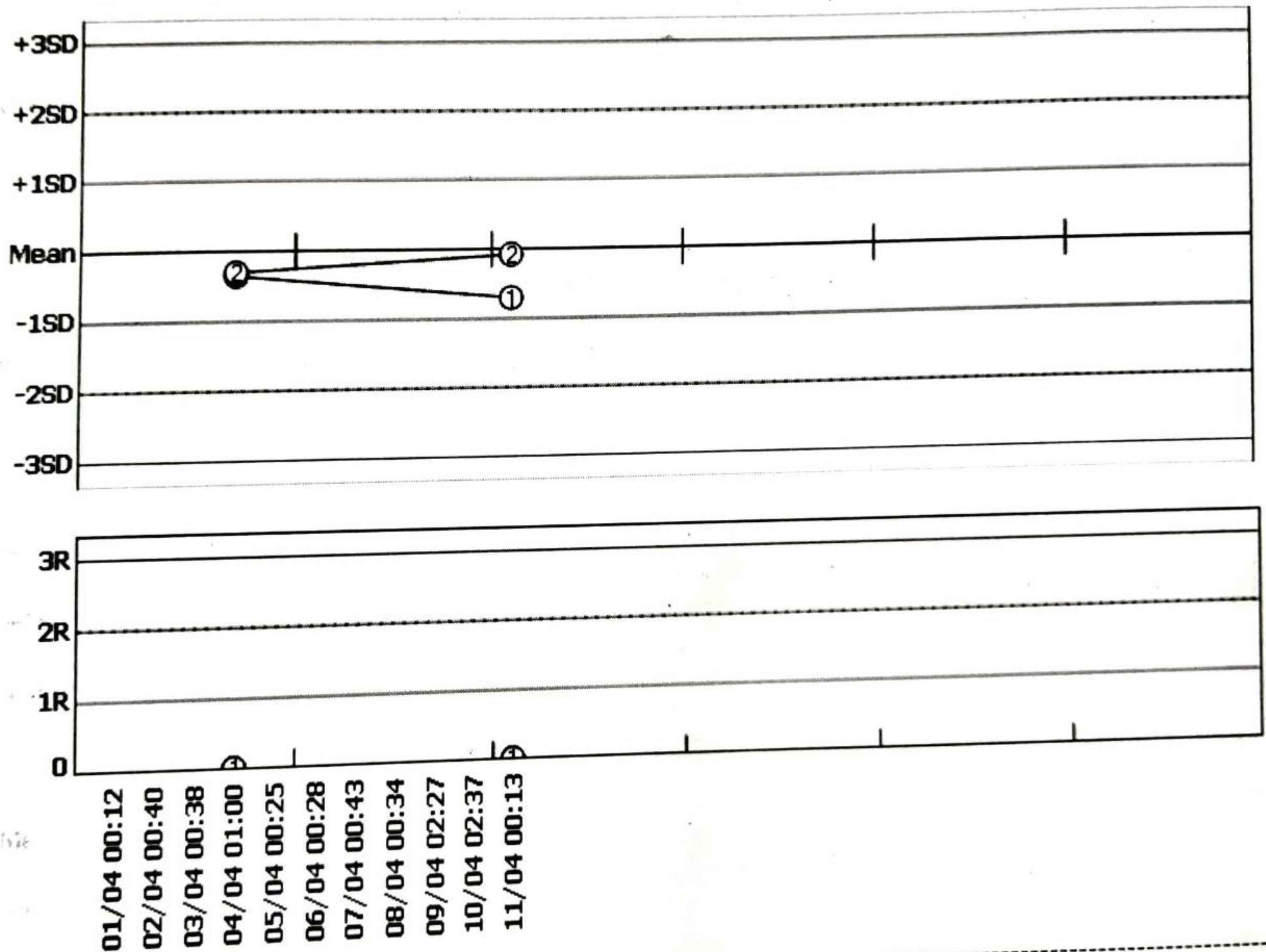
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Type Serum

1.LIP Statistics

	CONTROL 1	CONTROL 2								
N	2	2								
Mean	76.0	179.5								
SD	1.41	2.12								
CV	1.86	1.18								
Range	2	3								
	( 23)	( 54)								

1.LIP Graph





QC Monitor - Day to Day Chart

Print Time [11/04/2022 19:42]

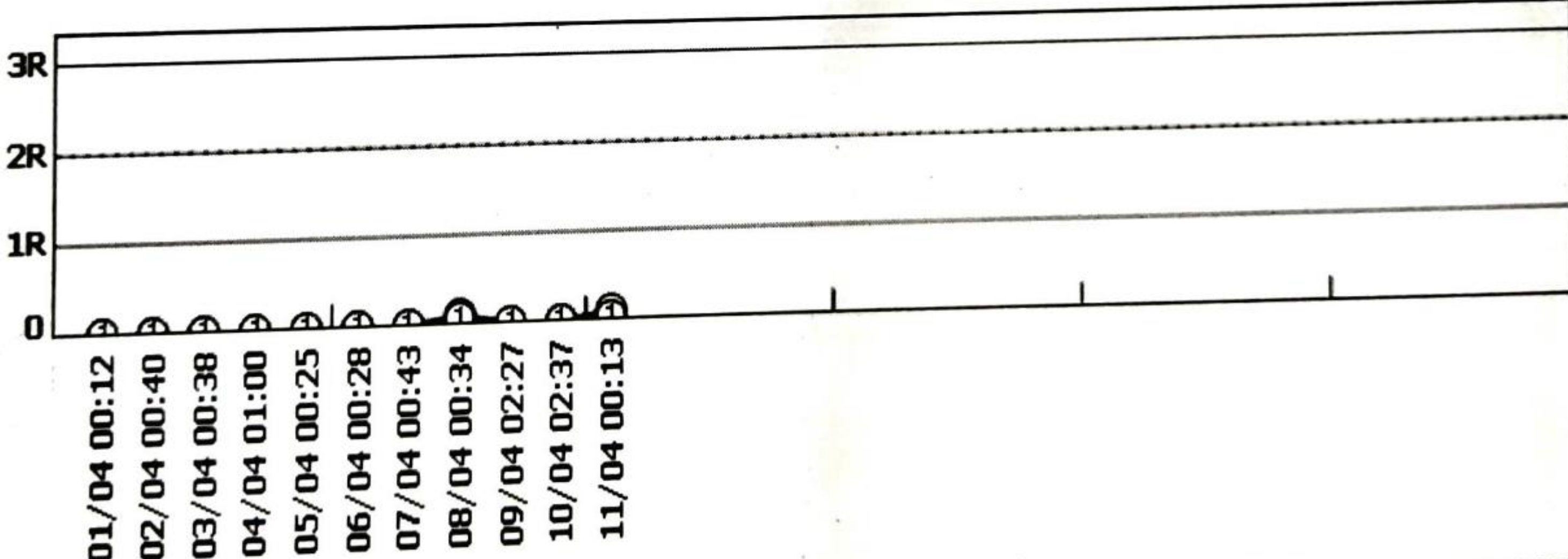
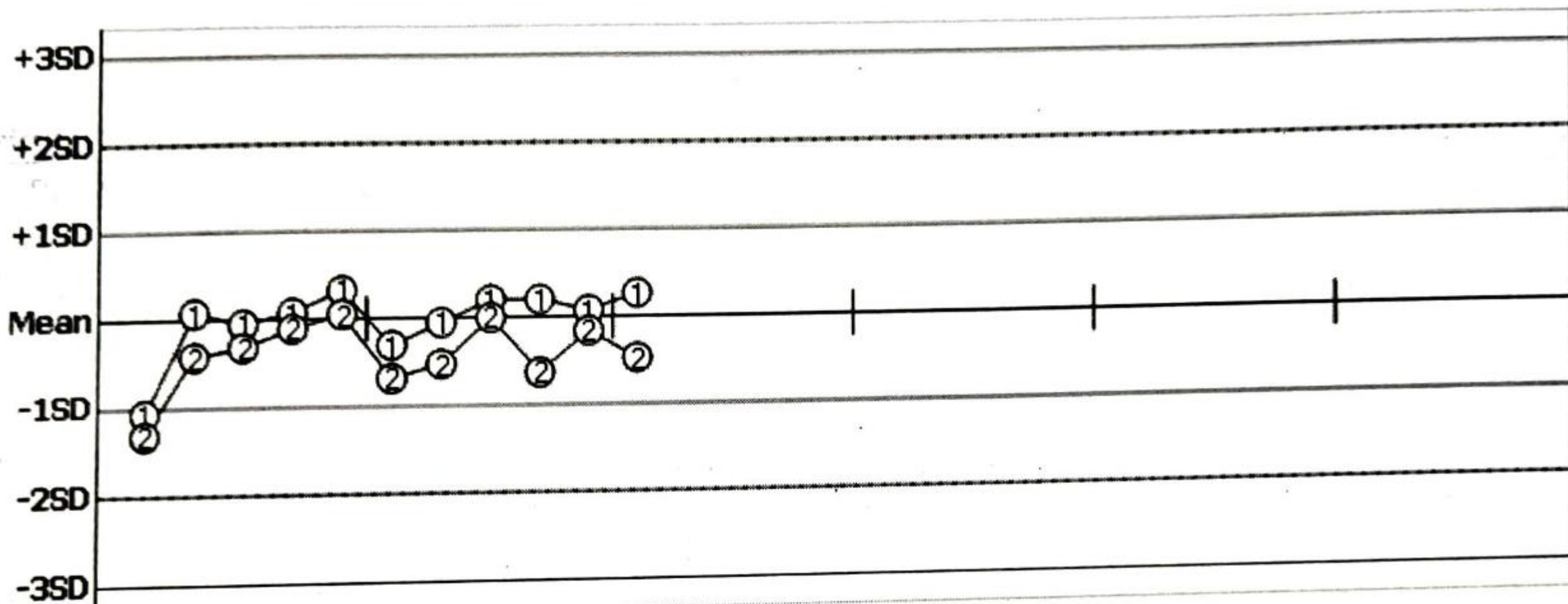
Index 01/04/2022 00:12 - 11/04/2022 00:13

Type Serum

5. GLUC Statistics

	CONTROL 1	CONTROL 2								
N	: 11	: 11								
Mean	: 99.2	: 231.1								
	( 99.4)	( 239.0)								
SD	: 3.06	: 7.38								
	( 7.87)	( 19.00)								
CV	: 3.08	: 3.19								
	( 7.92)	( 7.95)								
Range	: 11	: 26								
	( 31)	( 76)								

5. GLUC Graph



01/04 00:12  
 02/04 00:40  
 03/04 00:38  
 04/04 01:00  
 05/04 00:25  
 06/04 00:28  
 07/04 00:43  
 08/04 00:34  
 09/04 02:27  
 10/04 02:37  
 11/04 00:13



QC Monitor - Day to Day Chart

Print Time [11/04/2022 19:42]

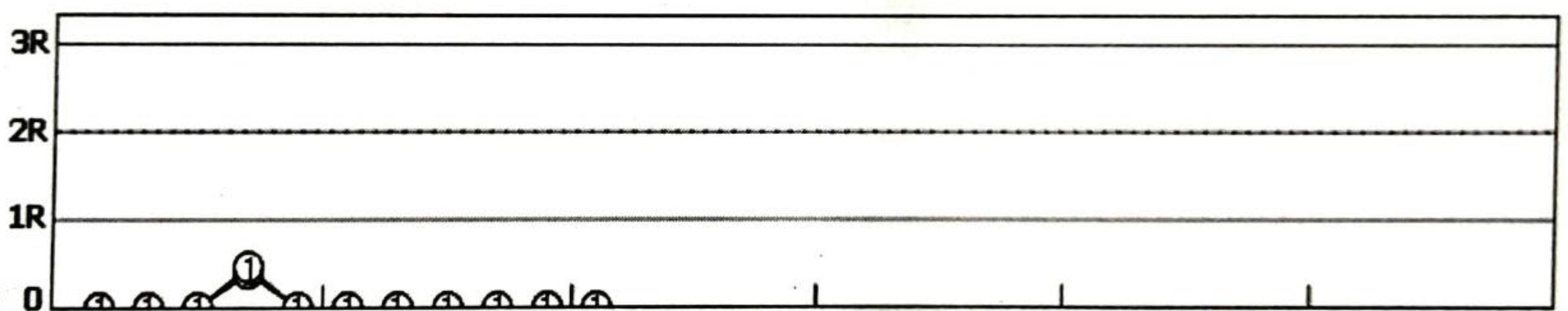
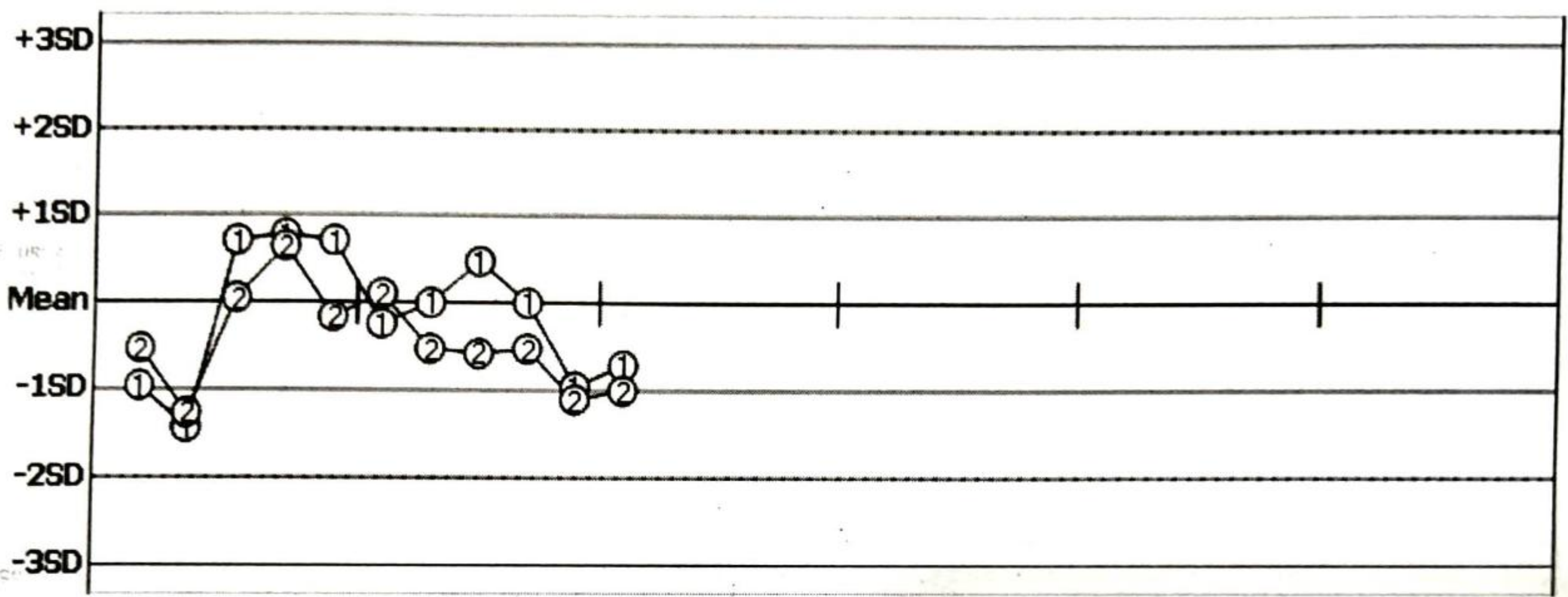
Index 01/04/2022 00:12 - 11/04/2022 00:13

Type Serum

6.UREA Statistics

	CONTROL 1	CONTROL 2								
N	: 11	: 11								
Mean	: 37.4	: 163.6								
SD	: ( 38.0)	: ( 172.0)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
CV	: ( 4.20)	: ( 10.88)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
Range	: ( 8.74)	: ( 6.65)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
	: ( 11.05)	: ( 11.05)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
	: ( 9)	: ( 36)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
	: ( 17)	: ( 76)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)

6.UREA Graph



01/04 00:12  
 02/04 00:40  
 03/04 00:38  
 04/04 01:00  
 05/04 00:25  
 06/04 00:28  
 07/04 00:43  
 08/04 00:34  
 09/04 02:27  
 10/04 02:37  
 11/04 00:13



Device No.0012955

Print Time [11/04/2022 19:42]

QC Monitor - Day to Day Chart

Index 01/04/2022 00:12 - 11/04/2022 00:13

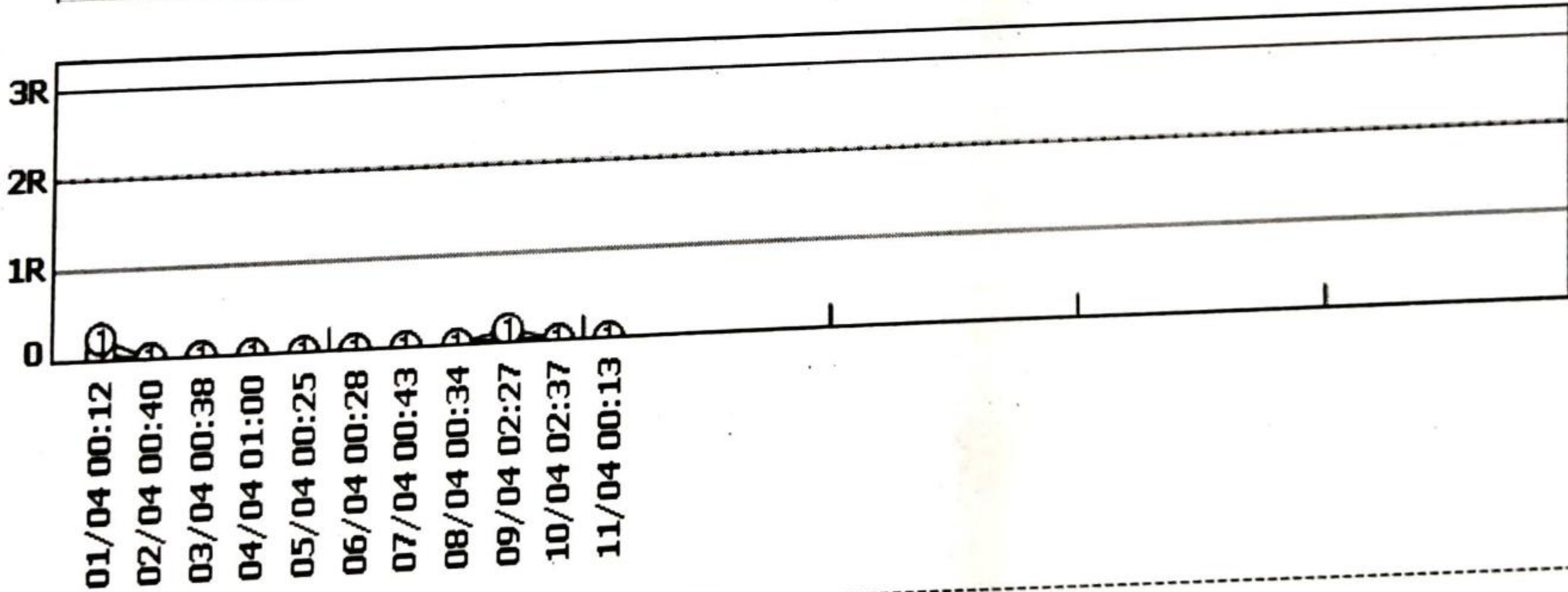
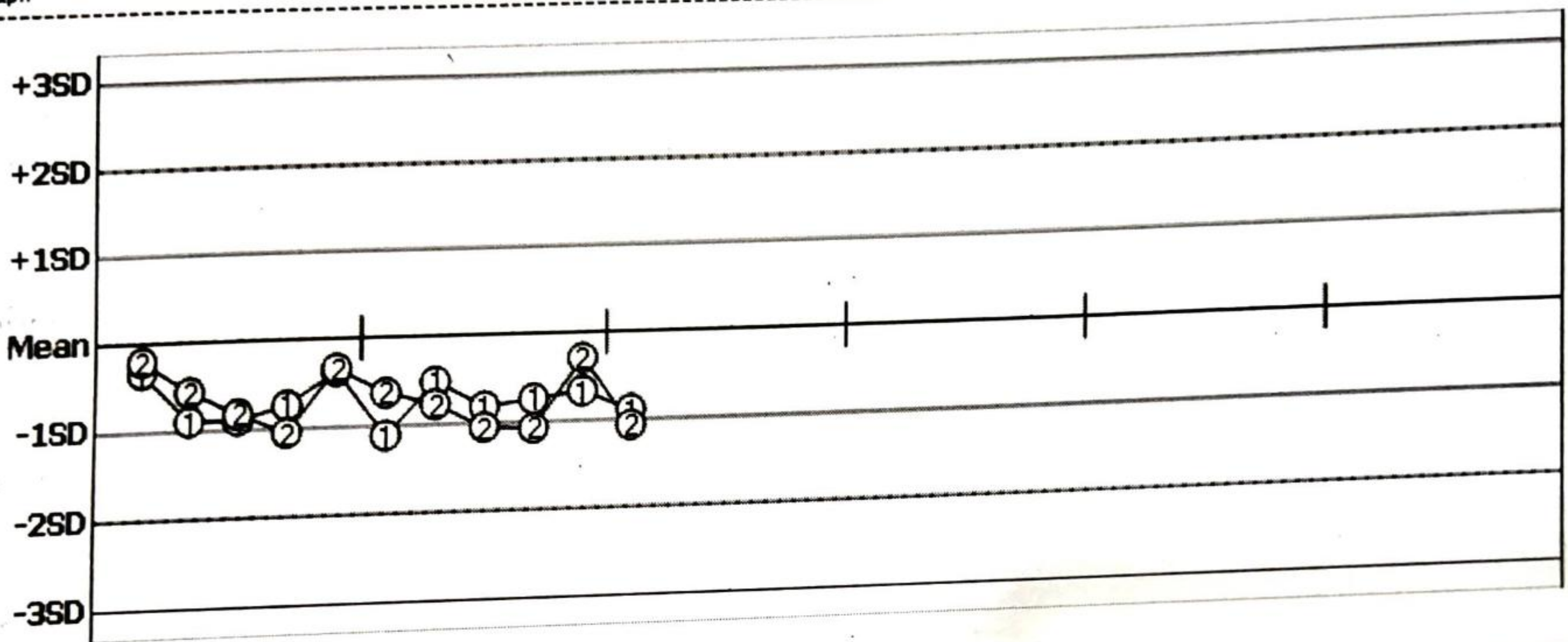
Type

Serum

7.CRE Statistics

	CONTROL 1	CONTROL 2								
N	: 11	: 11								
Mean	: 1.112 ( 1.210)	: 5.217 ( 5.660)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
SD	: 0.0320 ( 0.1350)	: 0.2059 ( 0.6200)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
CV	: 2.88 ( 11.16)	: 3.95 ( 10.95)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
Range	: 0.11 ( 0.54)	: 0.54 ( 2.50)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)

7.CRE Graph





QC Monitor - Day to Day Chart

Print Time [11/04/2022 19:42]

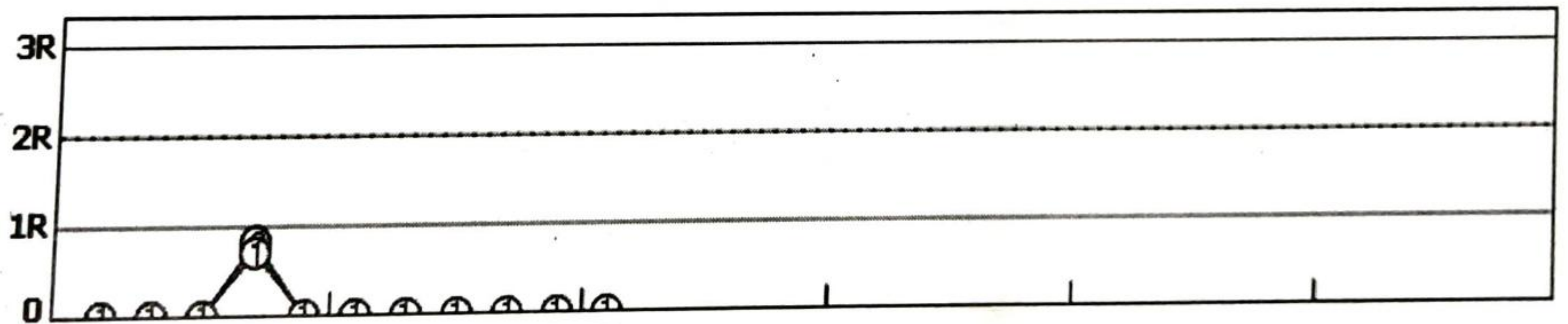
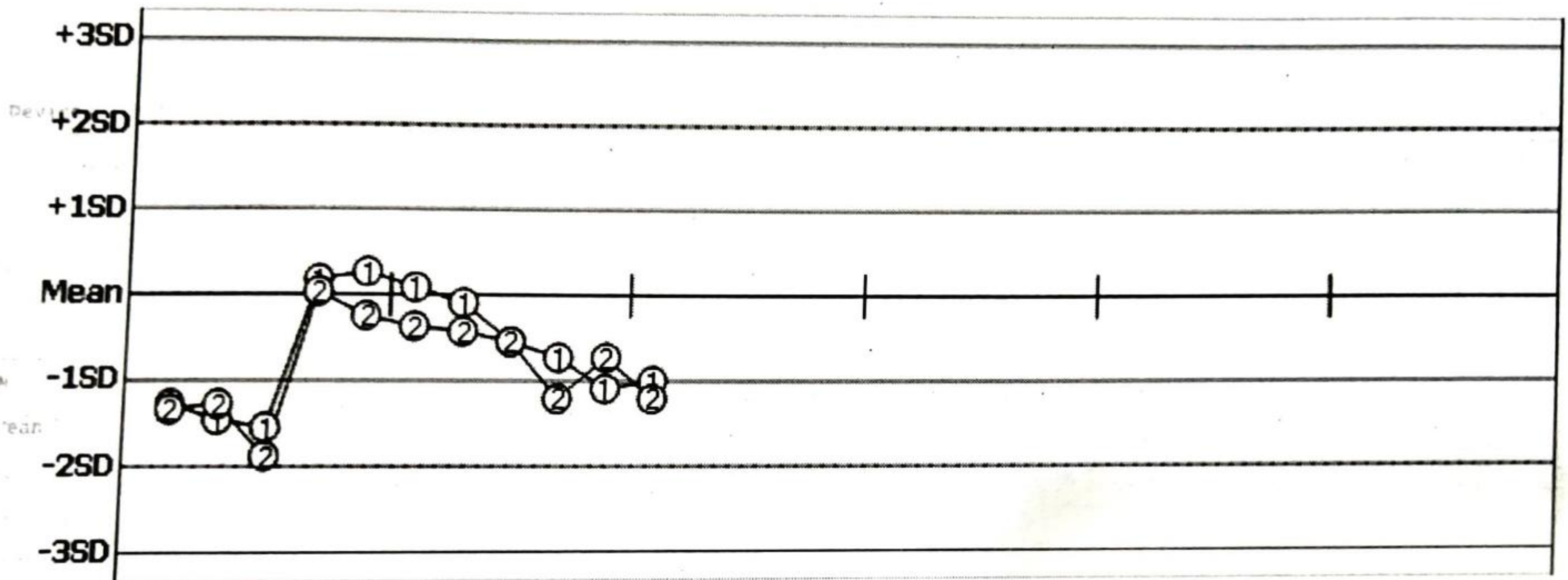
Index 01/04/2022 00:12 - 11/04/2022 00:13

Type Serum

10.CHOL Statistics

	CONTROL 1	CONTROL 2								
N	: 11	: 11								
Mean	: 150.8	: 282.2								
SD	( 158.0)	( 296.0)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
CV	: 11.00	: 16.50								
Range	( 6.96)	( 5.57)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
	( 20)	( 32)								
	( 44)	( 82)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)

10.CHOL Graph



01/04 00:12  
 02/04 00:40  
 03/04 00:38  
 04/04 01:00  
 05/04 00:25  
 06/04 00:28  
 07/04 00:43  
 08/04 00:34  
 09/04 02:27  
 10/04 02:37  
 11/04 00:13



QC Monitor - Day to Day Chart

Print Time [11/04/2022 19:42]

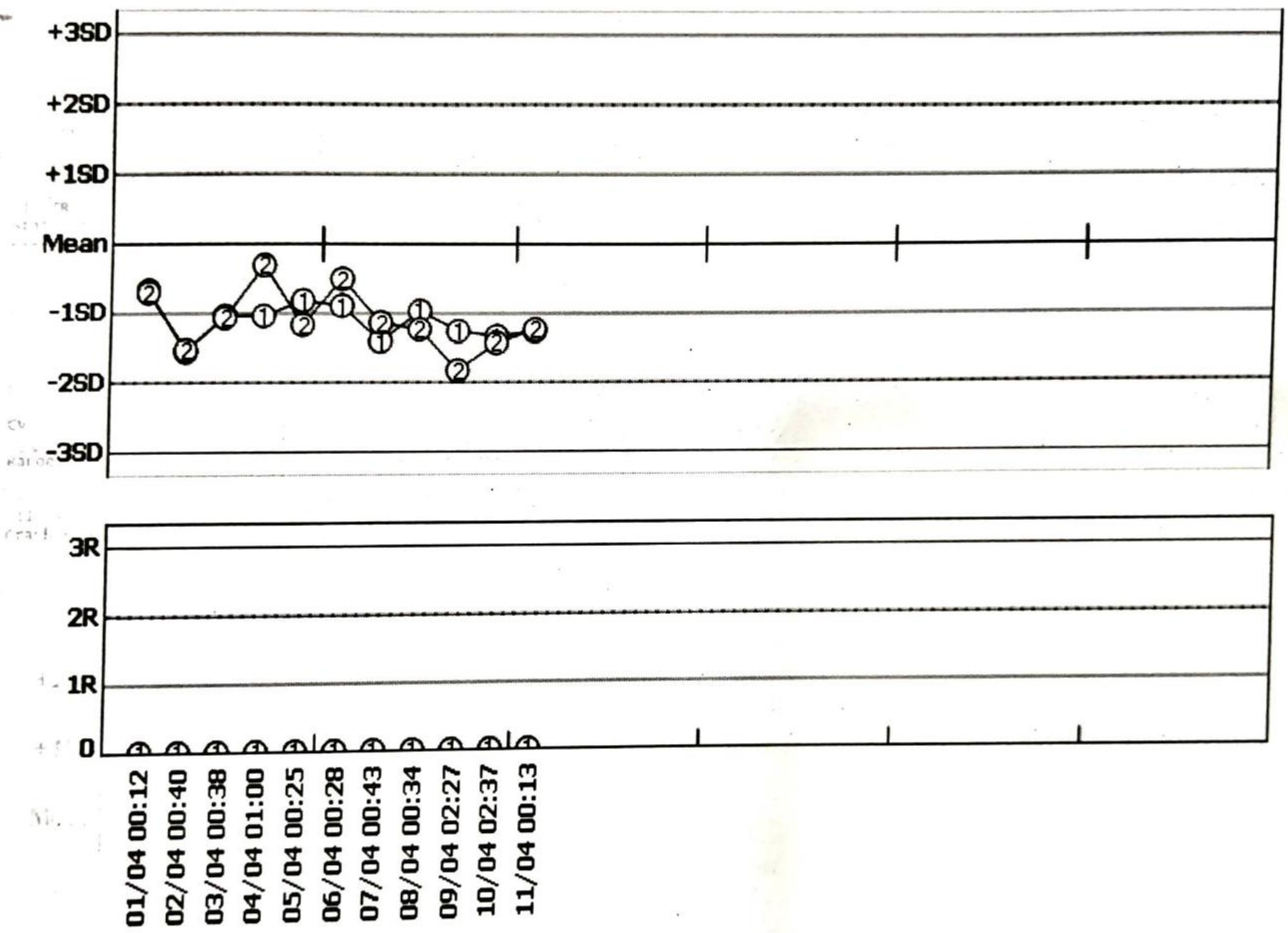
Index 01/04/2022 00:12 - 11/04/2022 00:13

Type Serum

11. TRIG Statistics

	CONTROL 1	CONTROL 2								
N	: 11	: 11								
Mean	: 135.0	: 301.9								
SD	: 3.69	: 13.55								
CV	: 2.73	: 4.49								
Range	: 12	: 46								
	( 54)	( 120)								

11. TRIG Graph

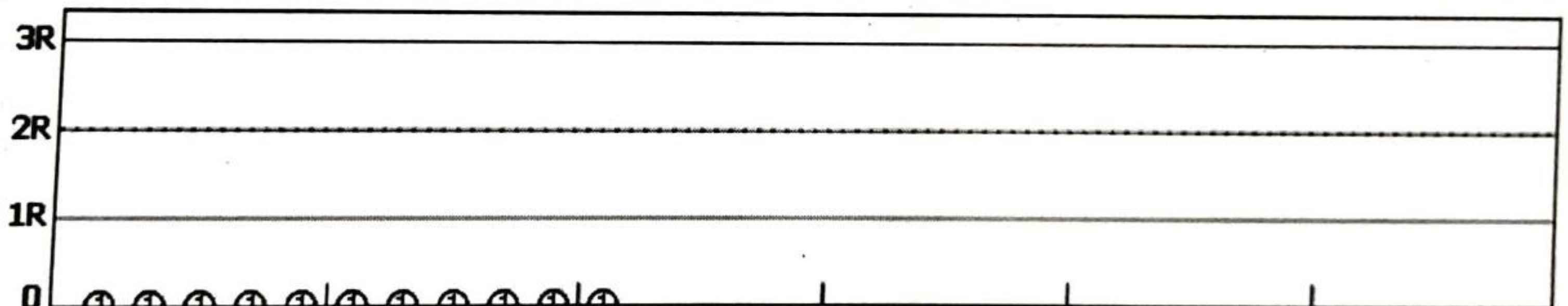
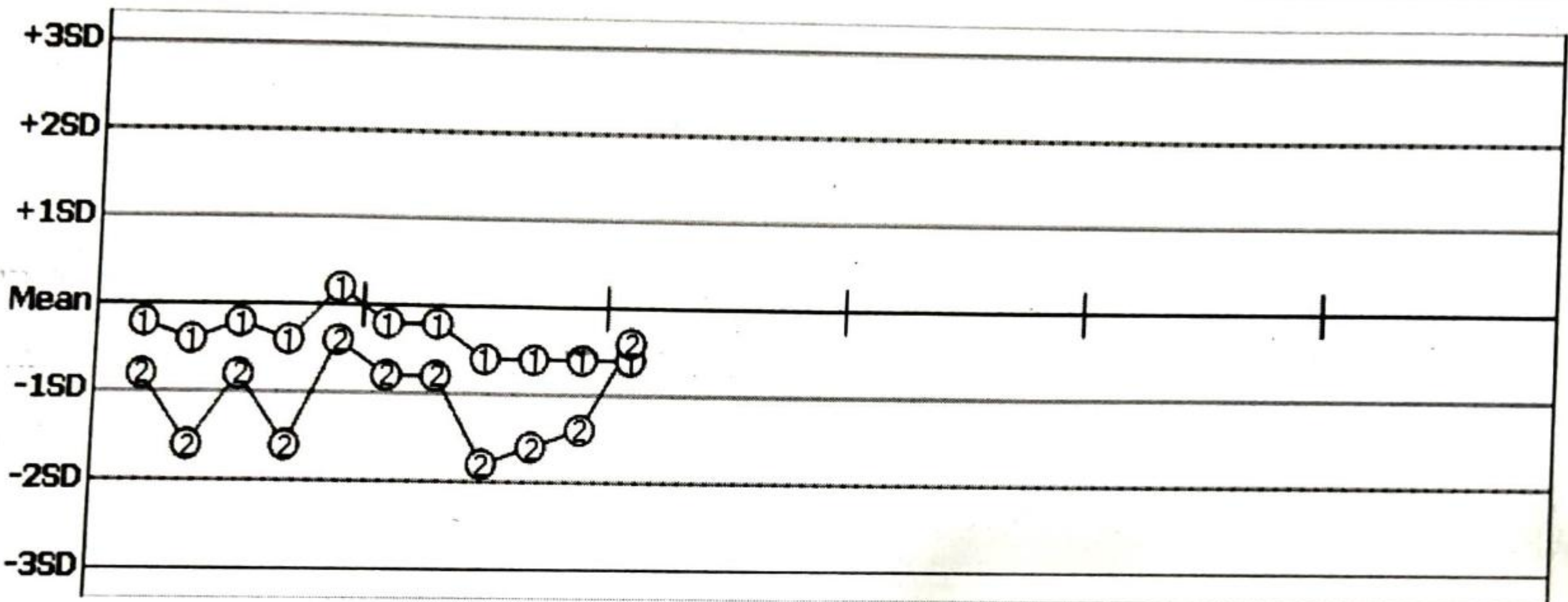




12.HDL Statistics

	CONTROL 1	CONTROL 2								
N	: 11	: 11								
Mean	: 52.3	: 92.5								
SD	: ( 54.0)	: ( 98.0)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
CV	: ( 1.27)	: ( 2.58)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
Range	: ( 5.00)	: ( 5.00)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
	: ( 2.43)	: ( 2.79)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
	: ( 9.26)	: ( 5.10)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
	: ( 4)	: ( 7)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
	: ( 20)	: ( 20)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)

12.HDL Graph



01/04 00:12  
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 07/04 00:43  
 08/04 00:34  
 09/04 02:27  
 10/04 02:37  
 11/04 00:13



QC Monitor - Day to Day Chart

Print Time [11/04/2022 19:42]

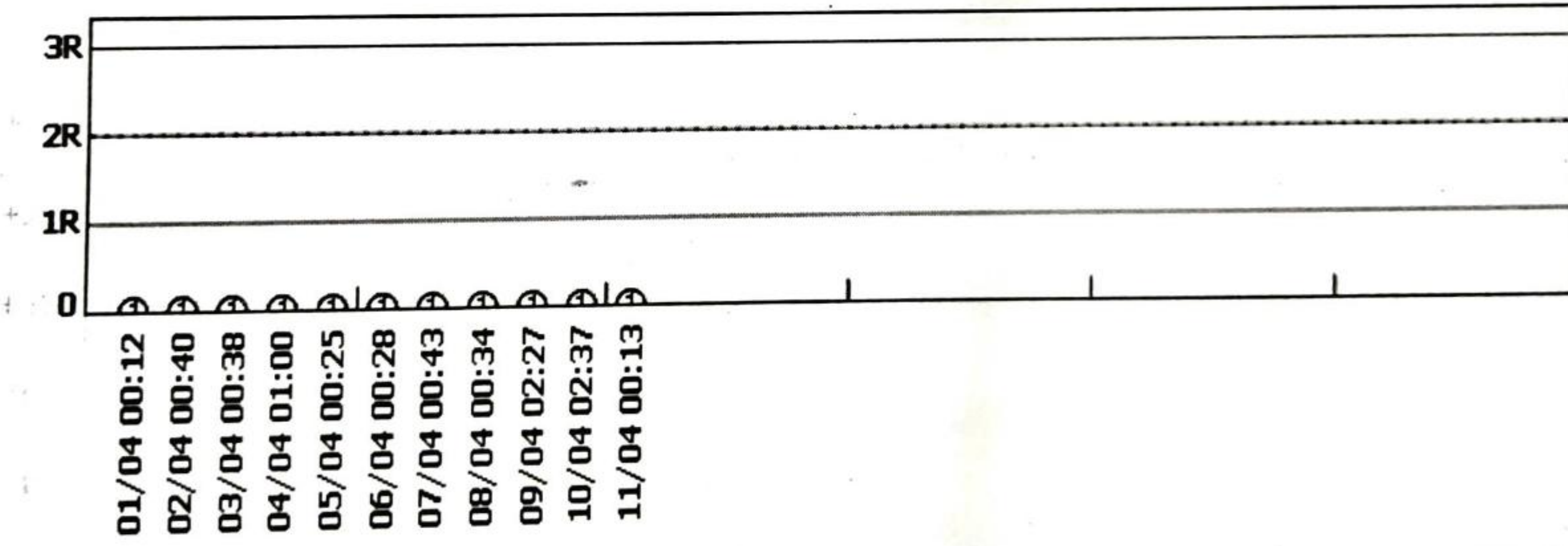
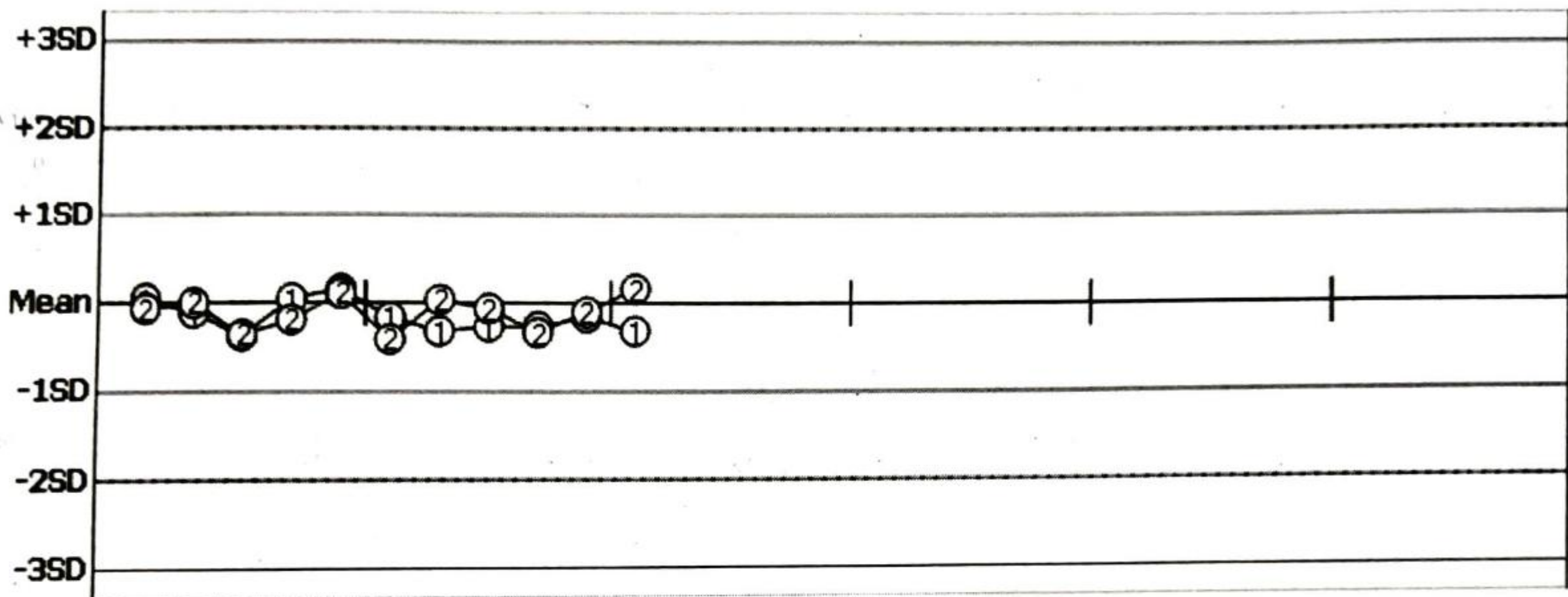
Index 01/04/2022 00:12 - 11/04/2022 00:13

Type Serum

17.TBILC Statistics

	CONTROL 1	CONTROL 2								
N	: 11	: 11								
Mean	: 1.481	: 6.172								
SD	( 1.510)	( 6.260)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
CV	: 0.0333	: 0.1550								
Range	( 0.1900)	( 0.8100)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
	: 2.25	: 2.51								
	( 12.58)	( 12.94)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
	: 0.10	: 0.46								
	( 0.78)	( 3.26)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)

17.TBILC Graph





QC Monitor - Day to Day Chart

Print Time [11/04/2022 19:42]

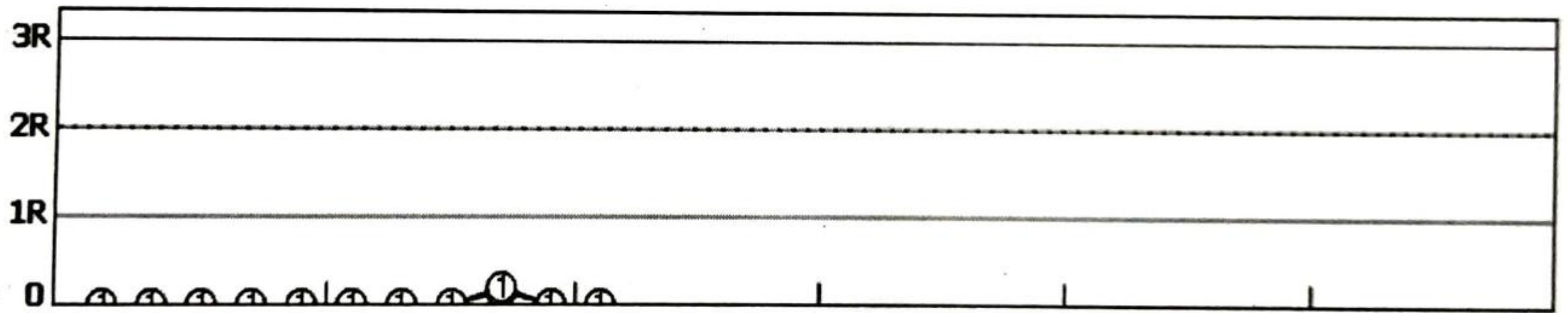
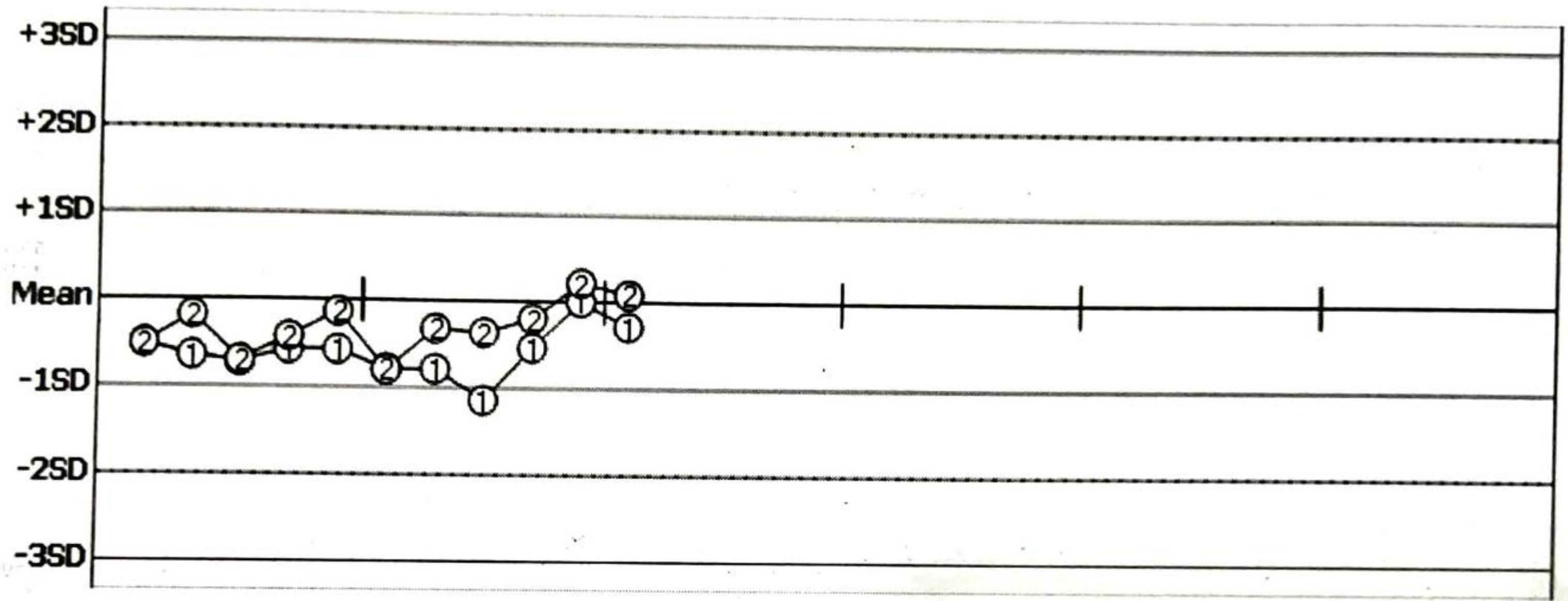
Index 01/04/2022 00:12 - 11/04/2022 00:13

Type Serum

19.DBILC Statistics

	CONTROL 1	CONTROL 2								
N	: 11	: 11								
Mean	: 0.997	: 5.133								
SD	: ( 1.080)	: ( 5.340)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
CV	: ( 0.1400)	: ( 0.6900)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
Range	: ( 4.10)	: ( 4.12)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
	: ( 12.96)	: ( 12.92)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
	: ( 0.16)	: ( 0.70)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
	: ( 0.56)	: ( 2.78)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)

19.DBILC Graph



01/04 00:12  
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 11/04 00:13



QC Monitor - Day to Day Chart

Print Time [11/04/2022 19:42]

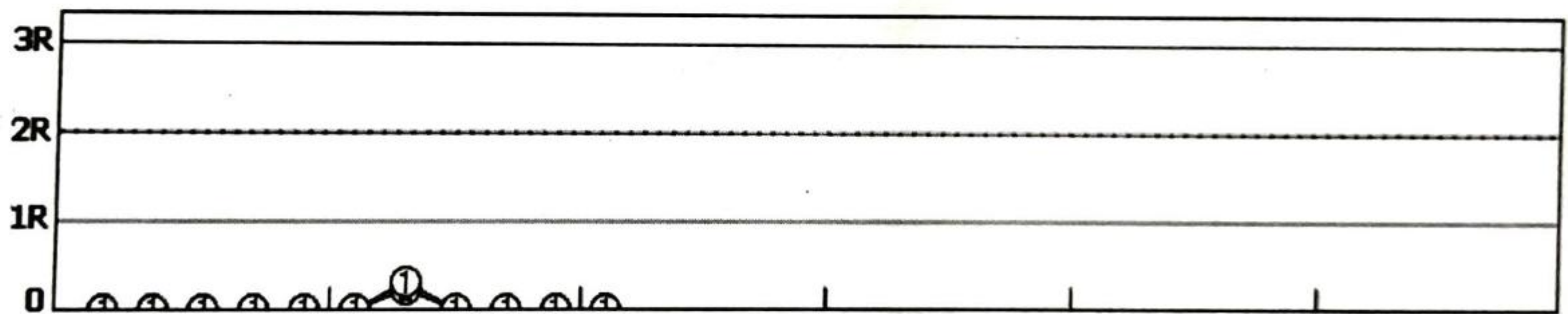
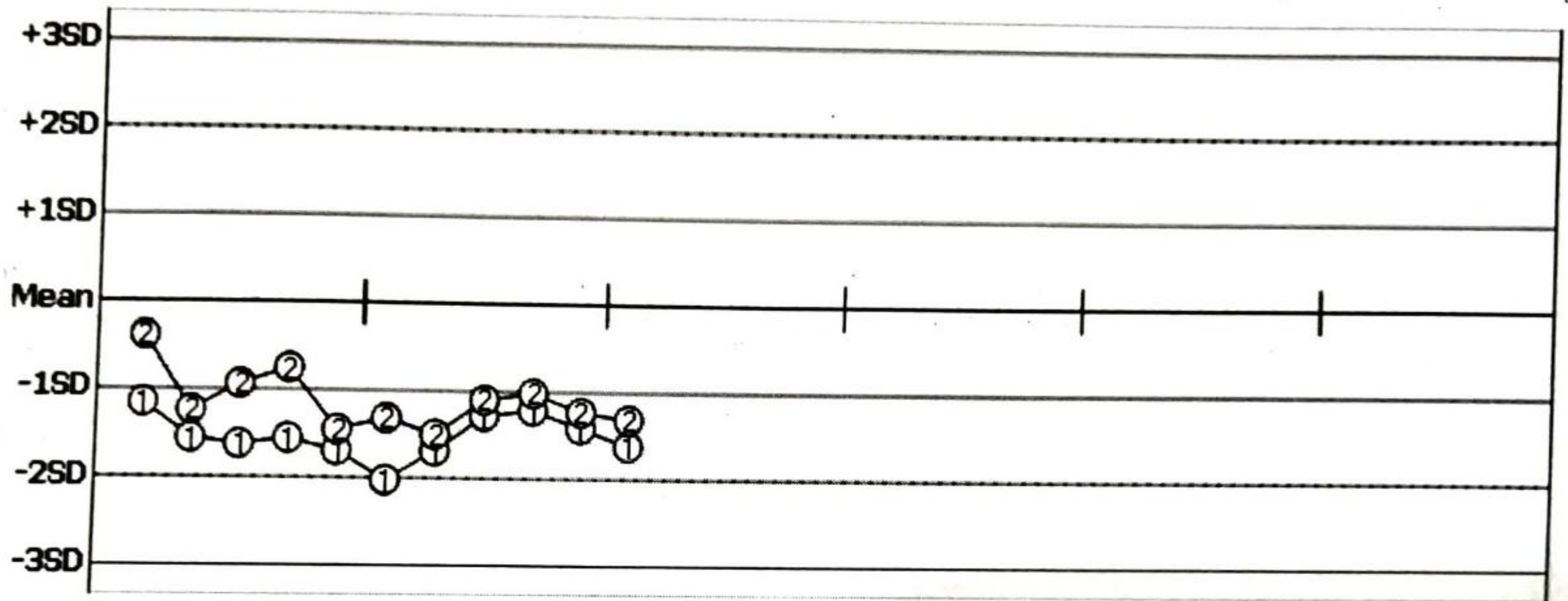
Index 01/04/2022 00:12 - 11/04/2022 00:13

Type Serum

20.ALPO4 Statistics

	CONTROL 1	CONTROL 2							
N	: 11	: 11							
Mean	: 95.4	: 407.3							
SD	: 118.0	: 474.0	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
CV	: 124.80	: 116.36	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
Range	: 13	: 67	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
	( 60)	( 237)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)

20.ALPO4 Graph



01/04 00:12  
 02/04 00:40  
 03/04 00:38  
 04/04 01:00  
 05/04 00:25  
 06/04 00:28  
 07/04 00:43  
 08/04 00:34  
 09/04 02:27  
 10/04 02:37  
 11/04 00:13



QC Monitor - Day to Day Chart

Print Time [11/04/2022 19:42]

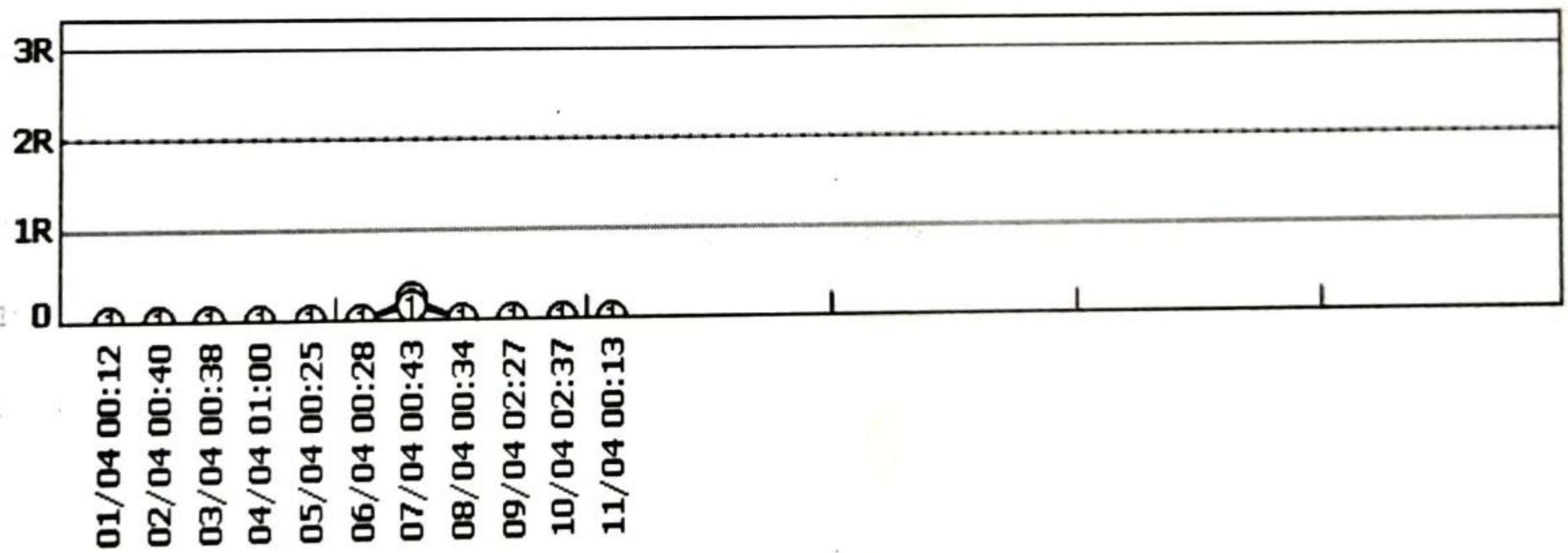
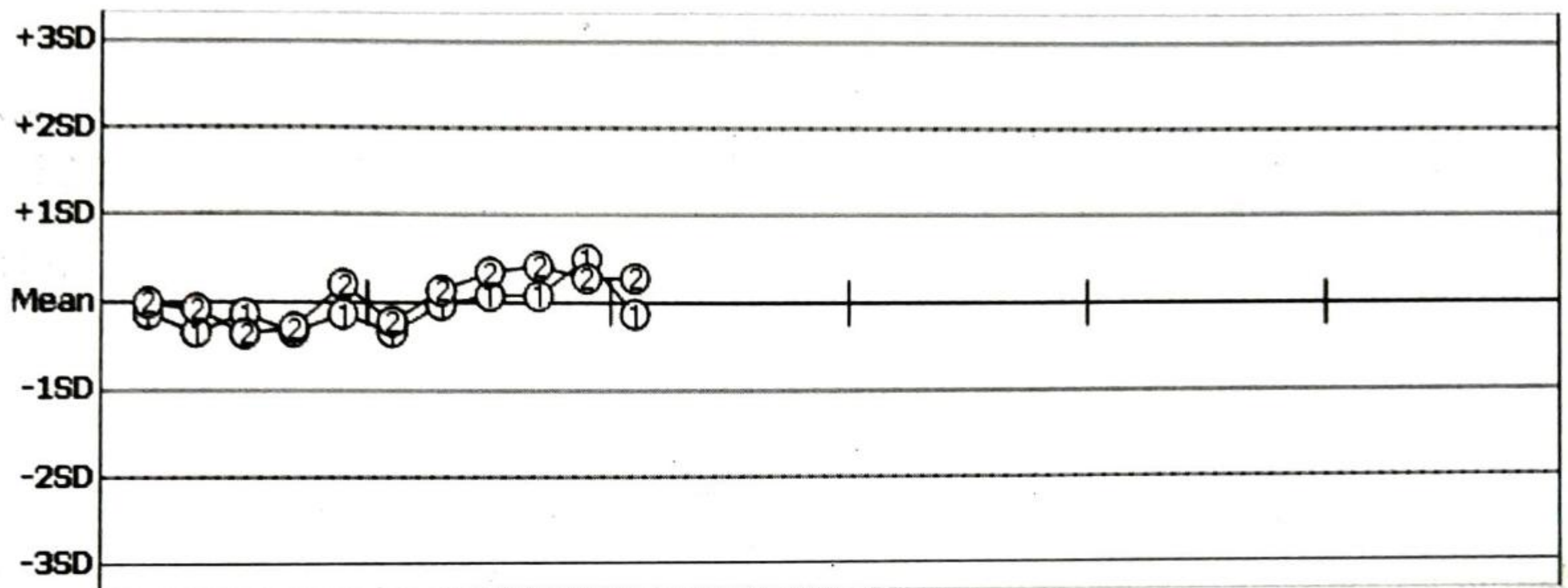
Index 01/04/2022 00:12 - 11/04/2022 00:13

Type Serum

21.AL  
Statistics

	CONTROL 1	CONTROL 2								
N	11	11								
Mean	41.2	125.0								
SD	1.17	3.82								
CV	2.84	3.06								
Range	4	11								
	19	57								

21.AL  
Graph





QC Monitor - Day to Day Chart

Print Time [11/04/2022 19:42]

Index 01/04/2022 00:12 - 11/04/2022 00:13

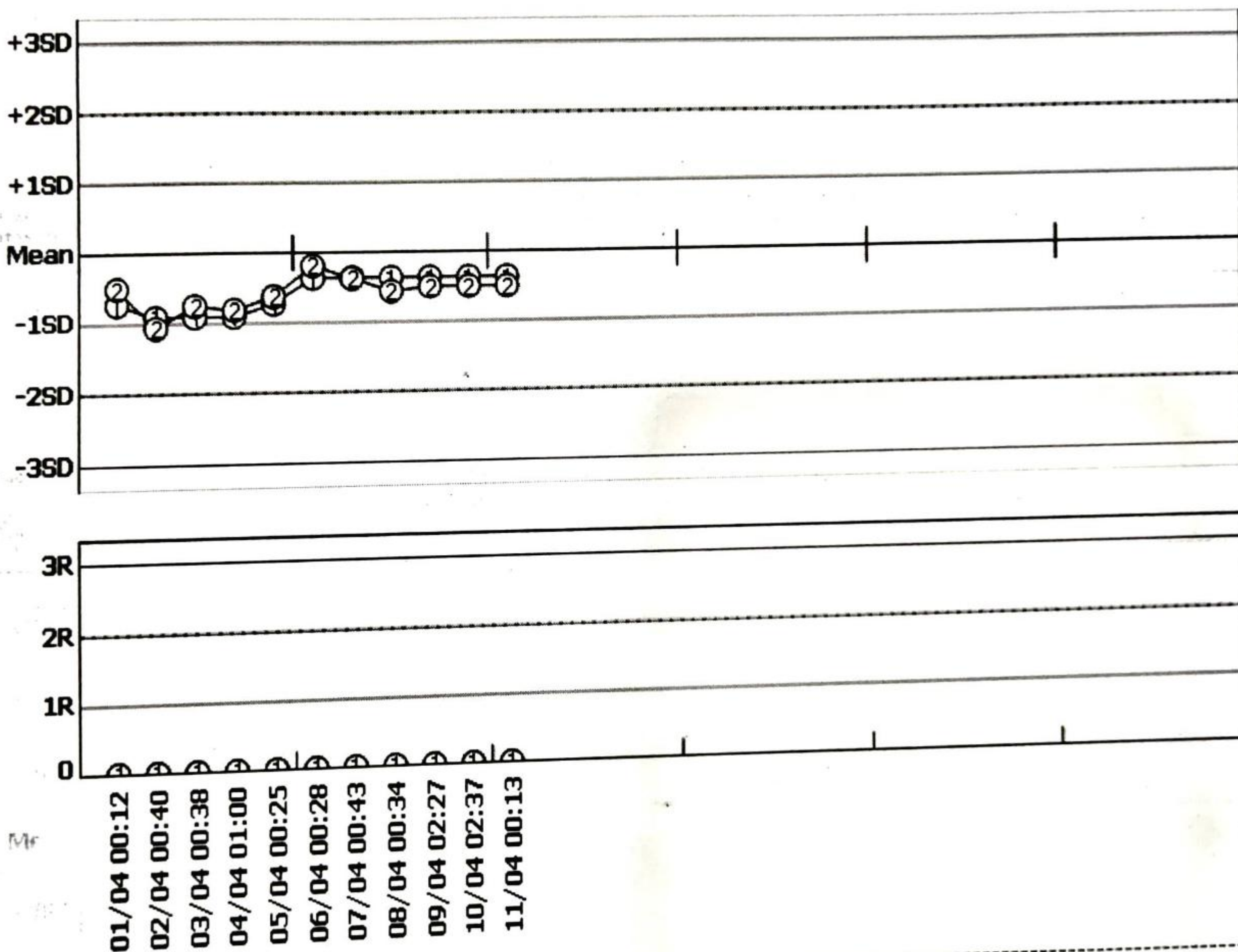
Type

Serum

22.AST Statistics

	CONTROL 1	CONTROL 2								
N	: 11	: 11								
Mean	: 44.8	: 127.7								
SD	: 1.40	: 3.72								
CV	: 3.13	: 2.91								
Range	: 3	: 14								
	( 22)	( 64)								

22.AST Graph





QC Monitor - Day to Day Chart

Print Time [11/04/2022 19:42]

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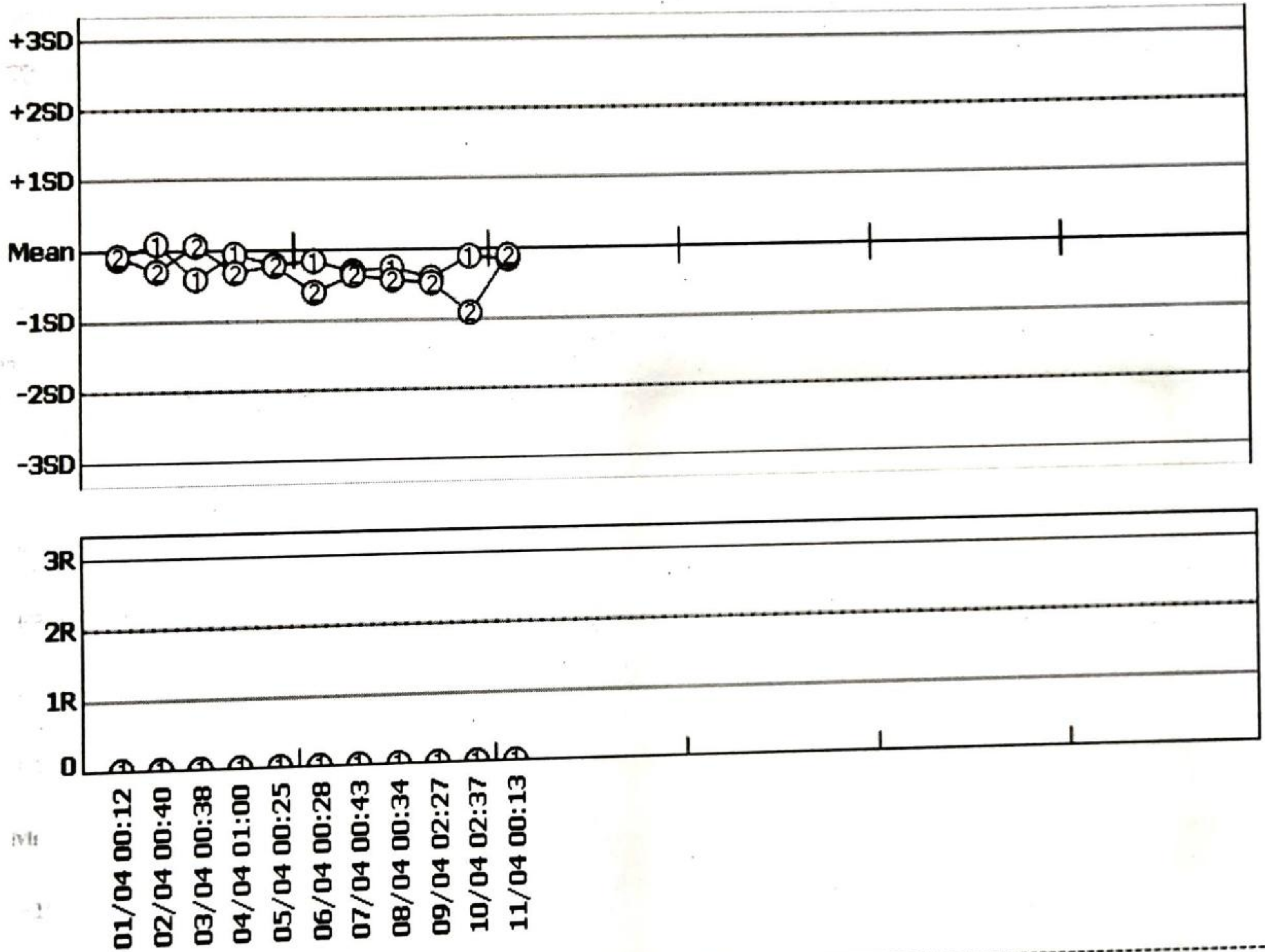
Type

Serum

23.TP Statistics

	CONTROL 1	CONTROL 2								
N	: 11	: 11								
Mean	: 3.574 ( 3.610)	: 7.520 ( 7.660)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
SD	: 0.0301 ( 0.2000)	: 0.1136 ( 0.4200)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
CV	: 0.84 ( 5.54)	: 1.51 ( 5.48)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
Range	: 0.10 ( 0.80)	: 0.41 ( 1.68)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)

23.TP Graph





QC Monitor - Day to Day Chart

Print Time [11/04/2022 19:42]

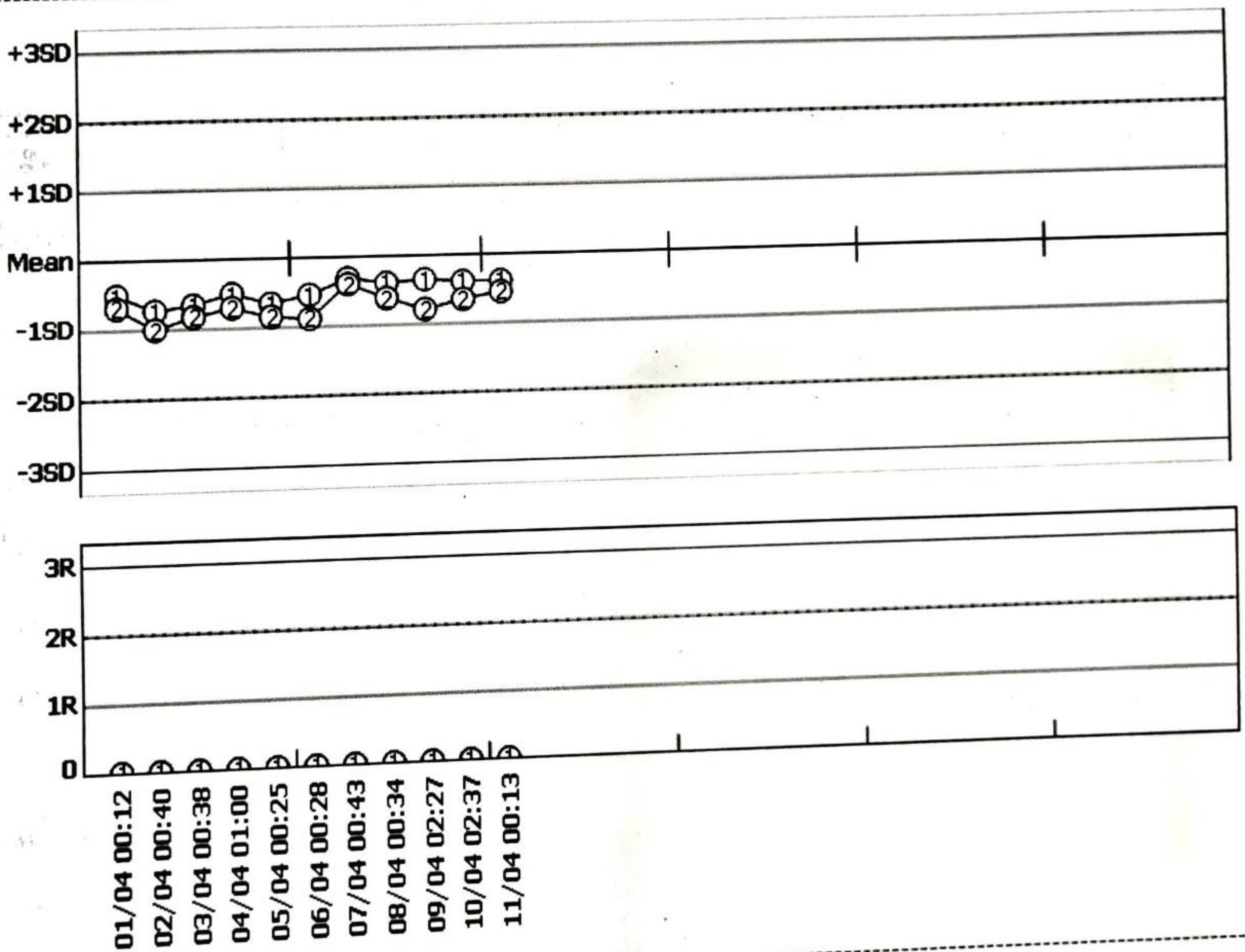
Index 01/04/2022 00:12 - 11/04/2022 00:13

Type Serum

24.ALB Statistics

	CONTROL 1	CONTROL 2								
N	: 11	: 11								
Mean	: 2.113 ( 2.240)	: 4.133 ( 4.500)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
SD	: 0.0369 ( 0.2600)	: 0.0870 ( 0.5100)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
CV	: 1.75 ( 11.61)	: 2.11 ( 11.33)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
Range	: 0.11 ( 1.04)	: 0.31 ( 2.07)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)

24.ALB Graph





QC Monitor - Day to Day Chart

Print Time [11/04/2022 19:42]

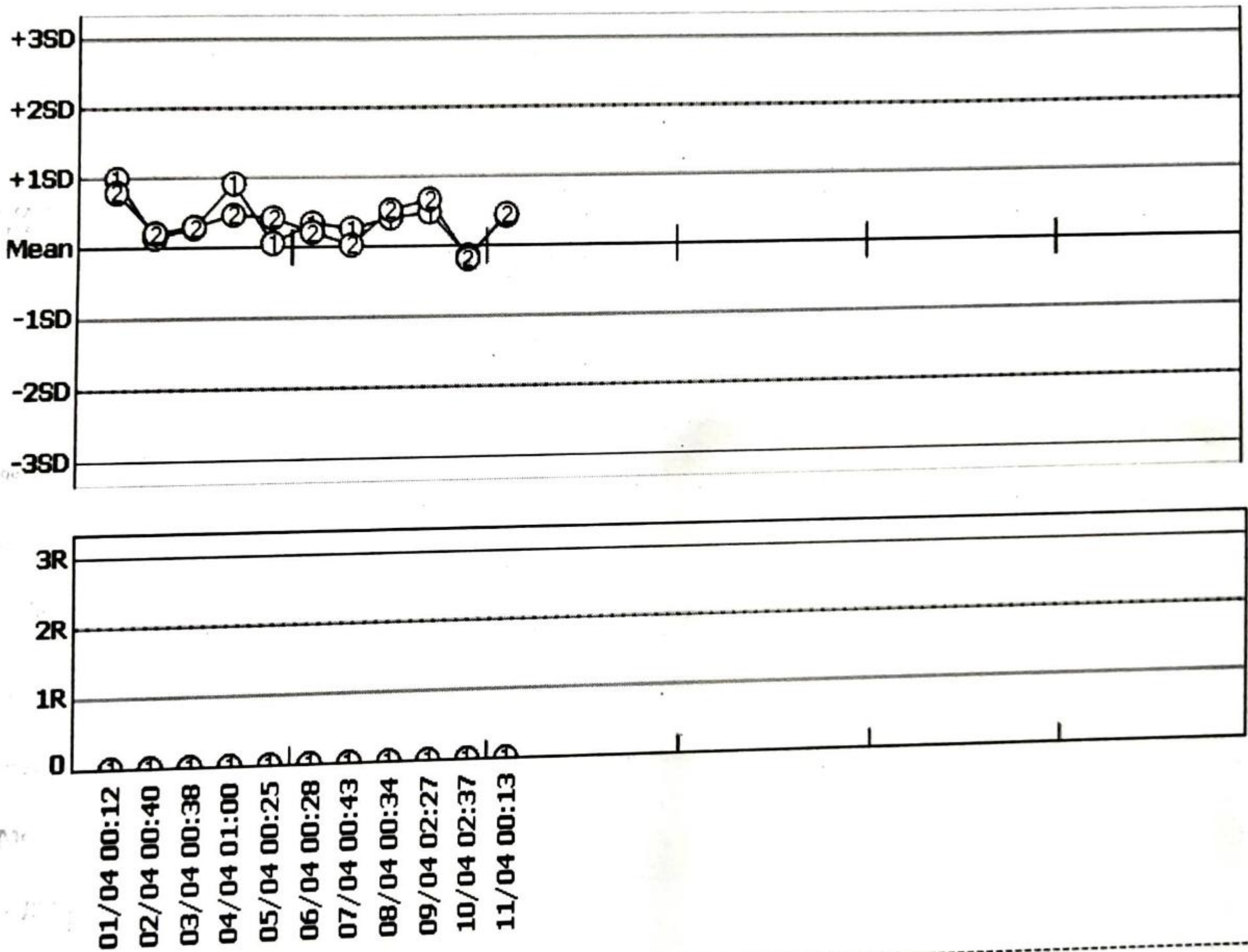
Index 01/04/2022 00:12 - 11/04/2022 00:13

Type Serum

25.CALA Statistics

	CONTROL 1	CONTROL 2								
N	: 11	: 11								
Mean	: 9.147	: 12.650								
	( 8.960)	( 12.400)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
SD	: 0.1657	: 0.1979								
	( 0.4900)	( 0.7000)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
CV	: 1.81	: 1.56								
	( 5.47)	( 5.65)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
Range	: 0.56	: 0.69								
	( 1.98)	( 2.80)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)

25.CALA Graph





QC Monitor - Day to Day Chart

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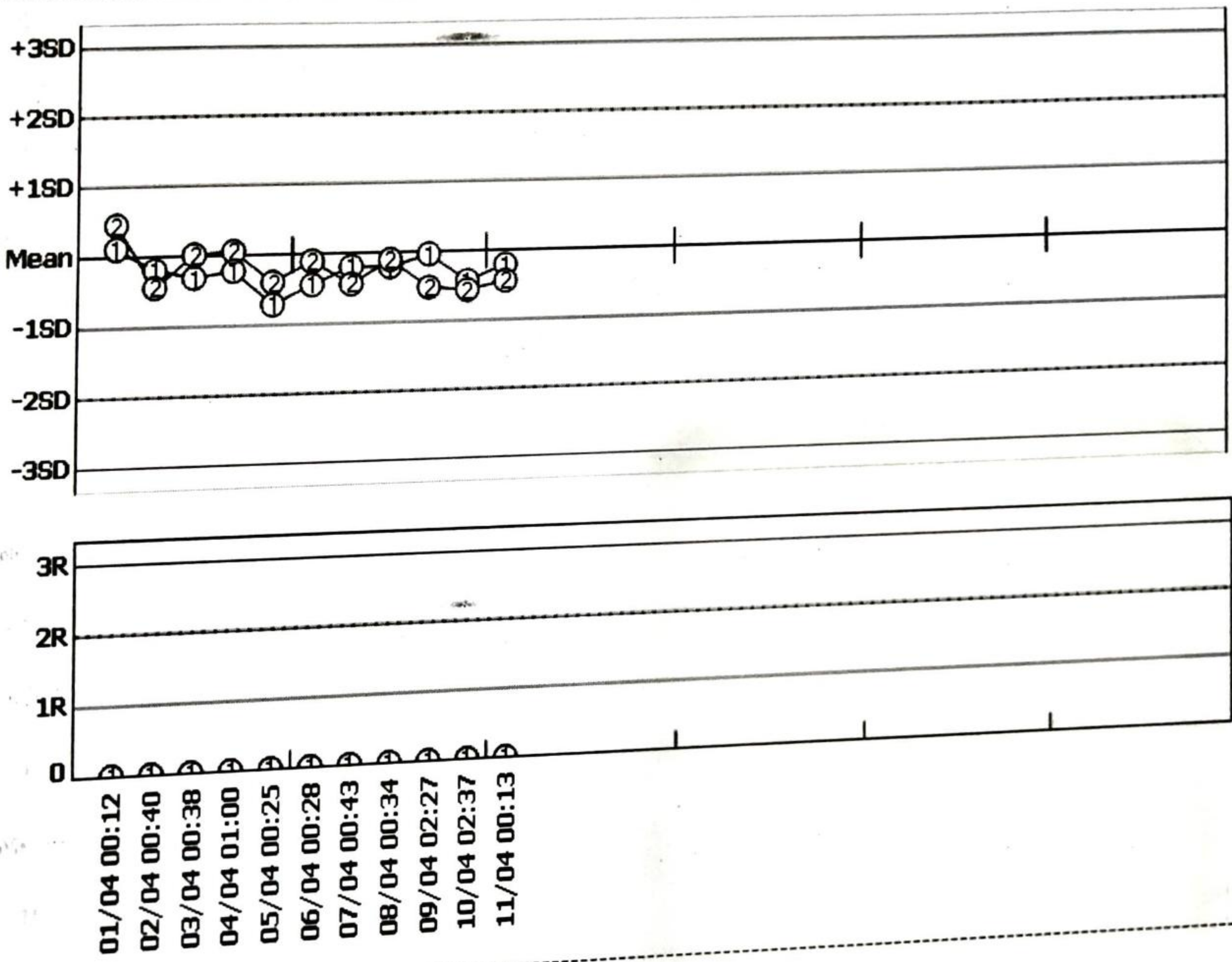
Type

Serum

27. PHOS Statistics

	CONTROL 1	CONTROL 2								
N	: 11	: 11								
Mean	: 6.450 ( 6.600)	: 11.078 ( 11.300)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
SD	: 0.1291 ( 0.5900)	: 0.3164 ( 1.0000)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
CV	: 2.00 ( 8.94)	: 2.86 ( 8.85)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
Range	: 0.49 ( 2.38)	: 1.02 ( 4.08)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)

27. PHOS Graph





QC Monitor - Day to Day Chart

Print Time [11/04/2022 19:42]

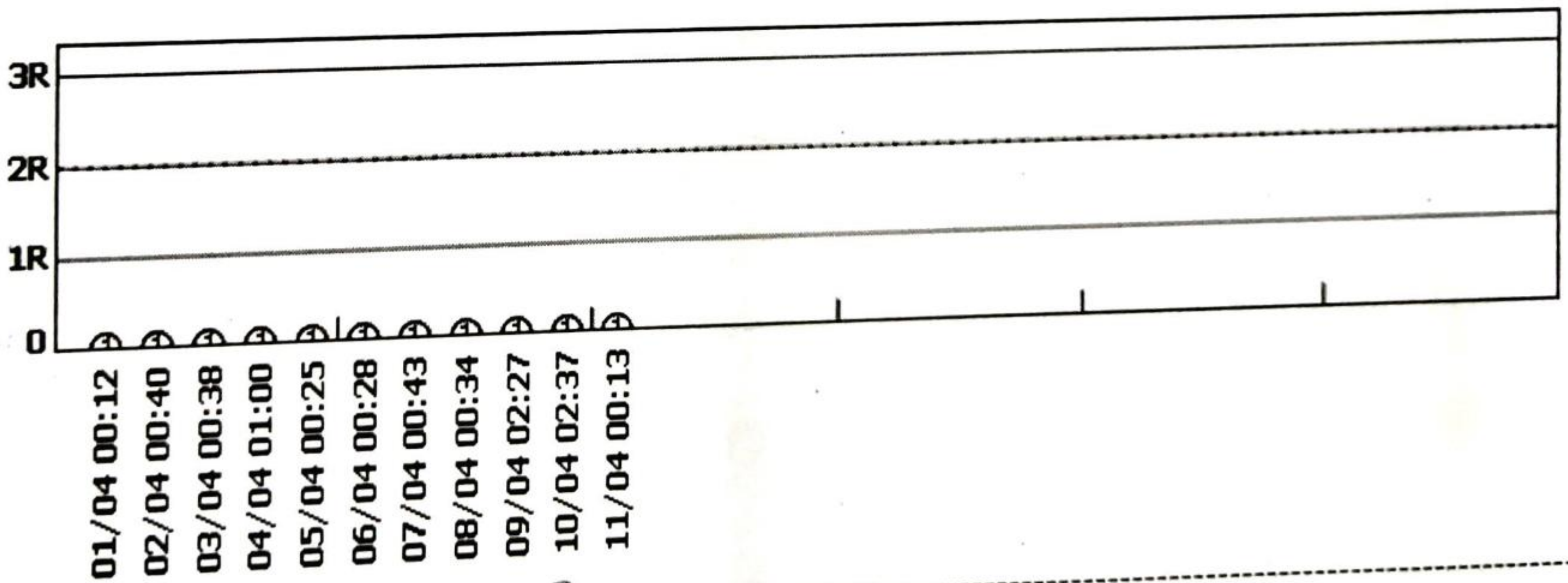
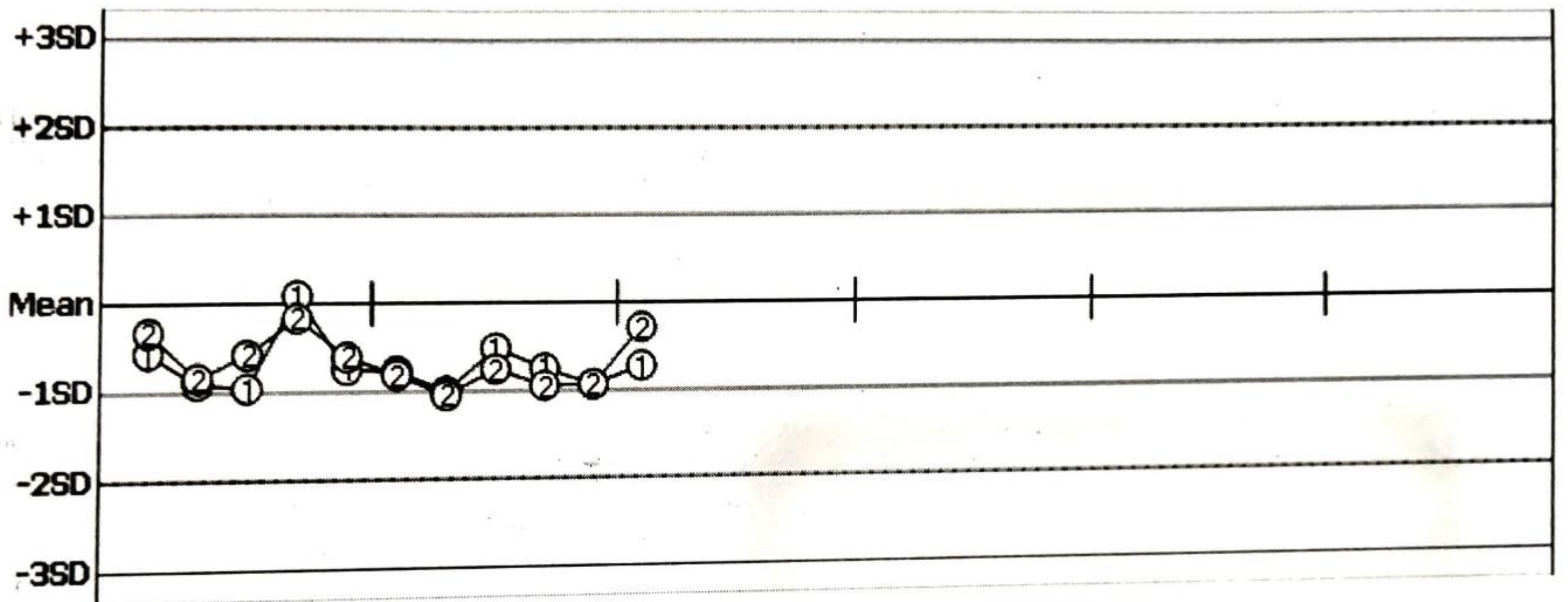
Index 01/04/2022 00:12 - 11/04/2022 00:13

Type Serum

35.UA Statistics

	CONTROL 1	CONTROL 2								
N	: 11	11								
Mean	: 5.867	9.382								
SD	( 6.170)	( 9.830)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
CV	: 0.1321	0.2013								
	( 0.4300)	( 0.6800)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
Range	: 2.25	2.15								
	( 6.97)	( 6.92)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
	: 0.47	0.60								
	( 1.72)	( 2.75)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)

35.UA Graph





QC Monitor - Day to Day Chart

Print Time [11/04/2022 19:42]

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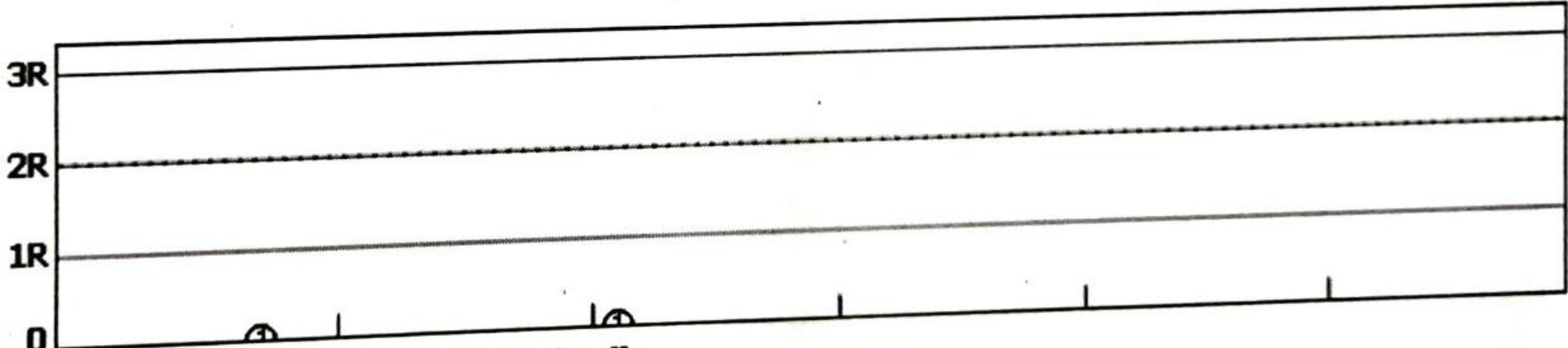
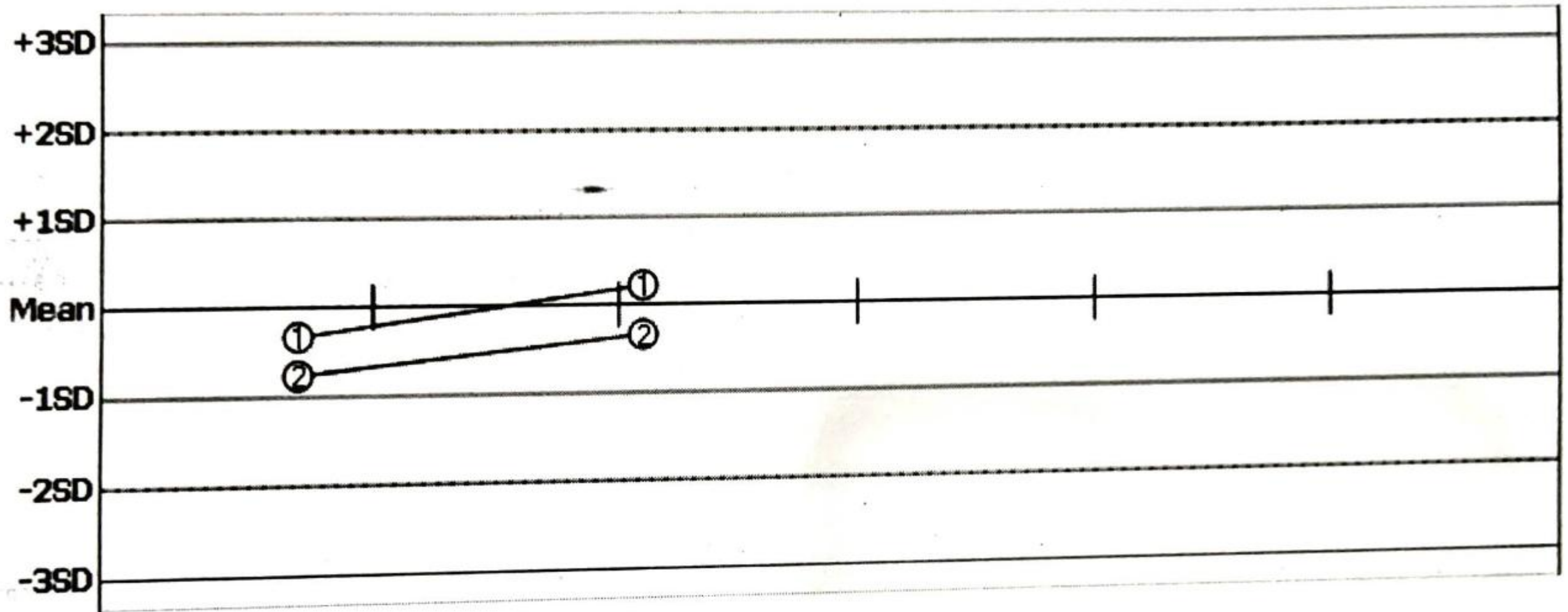
Type

Serum

40.AMY Statistics

	CONTROL 1	CONTROL 2								
N	: 2	2								
Mean	: 130.5	335.0								
SD	( 3.54	( 7.07	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
CV	: 2.71	2.11								
Range	( 6.93)	( 6.75)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
	( 5	10								
	( 36)	94)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)

40.AMY Graph



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 07/04 00:43  
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 10/04 02:37  
 11/04 00:13



QC Monitor - Day to Day Chart

Print Time [11/04/2022 19:42]

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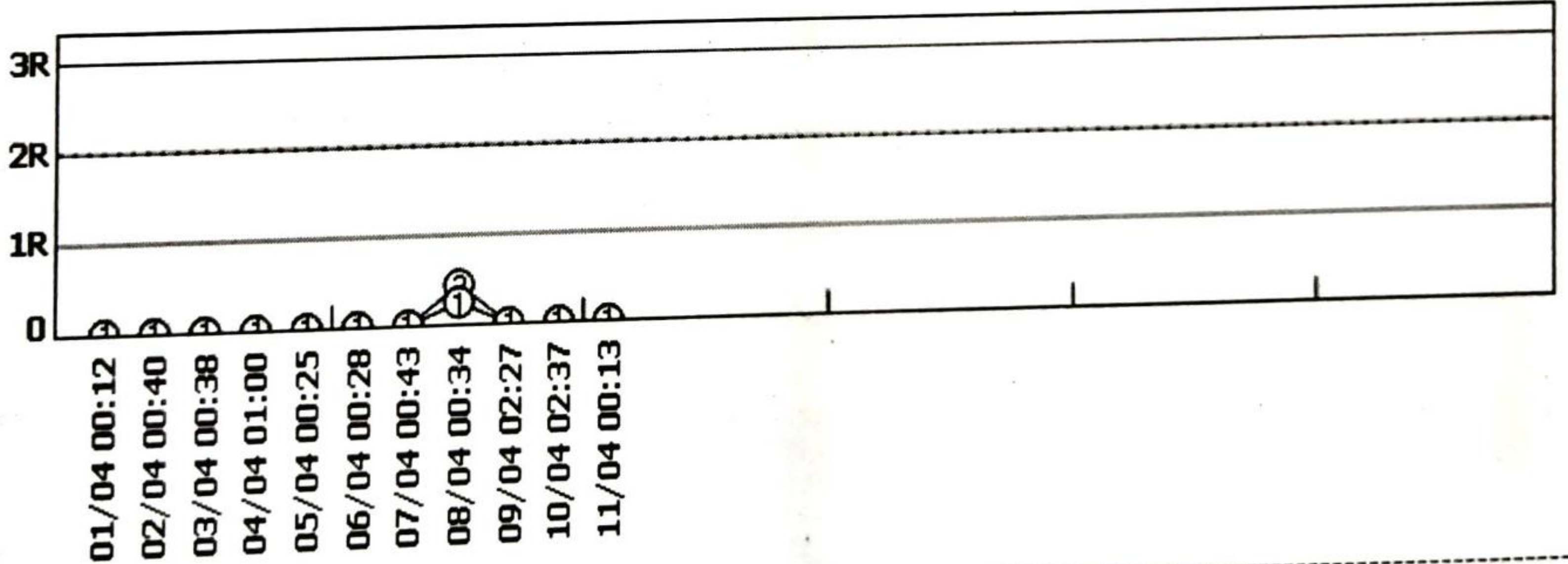
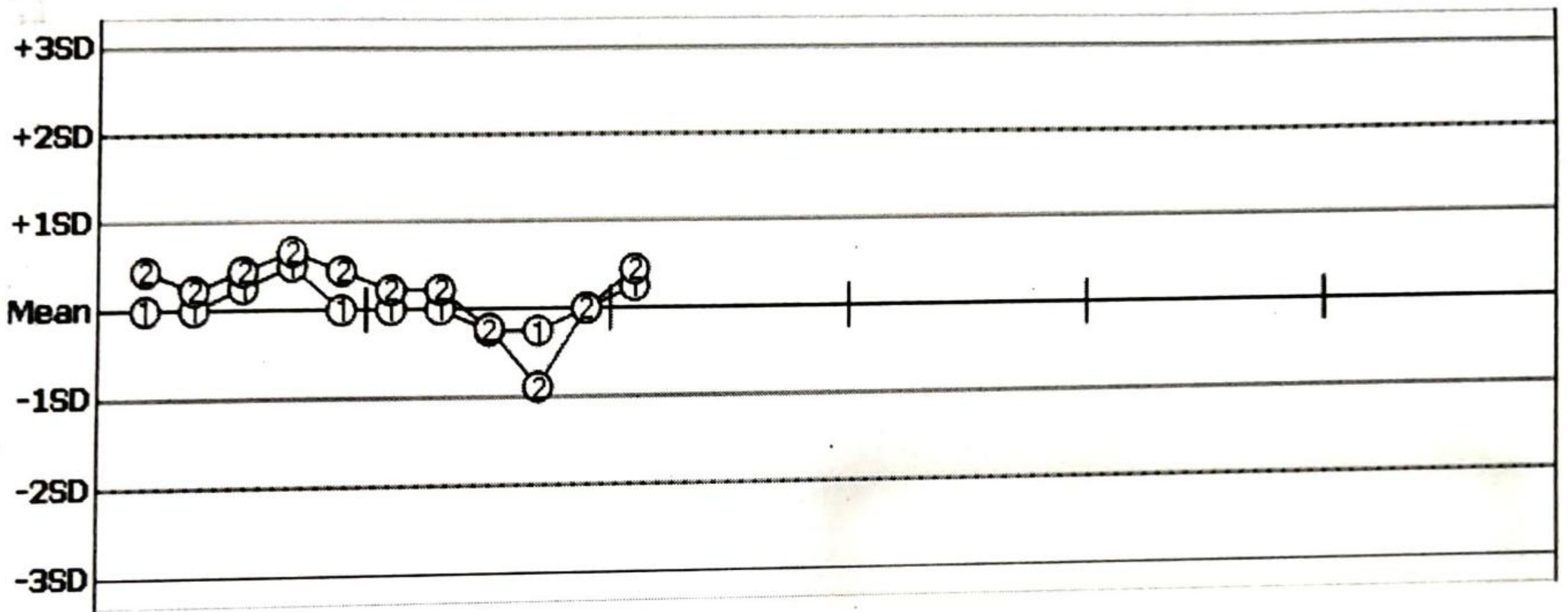
Type

Serum

97.Na  
Statistics

	CONTROL 1	CONTROL 2								
N	: 11	: 11								
Mean	: 123.2	: 153.8								
SD	: 0.87	: 1.94								
CV	: 0.71	: 1.26								
Range	: 3	: 7								
	( 16)	( 18)								

97.Na  
Graph





QC Monitor - Day to Day Chart

Print Time [11/04/2022 19:42]

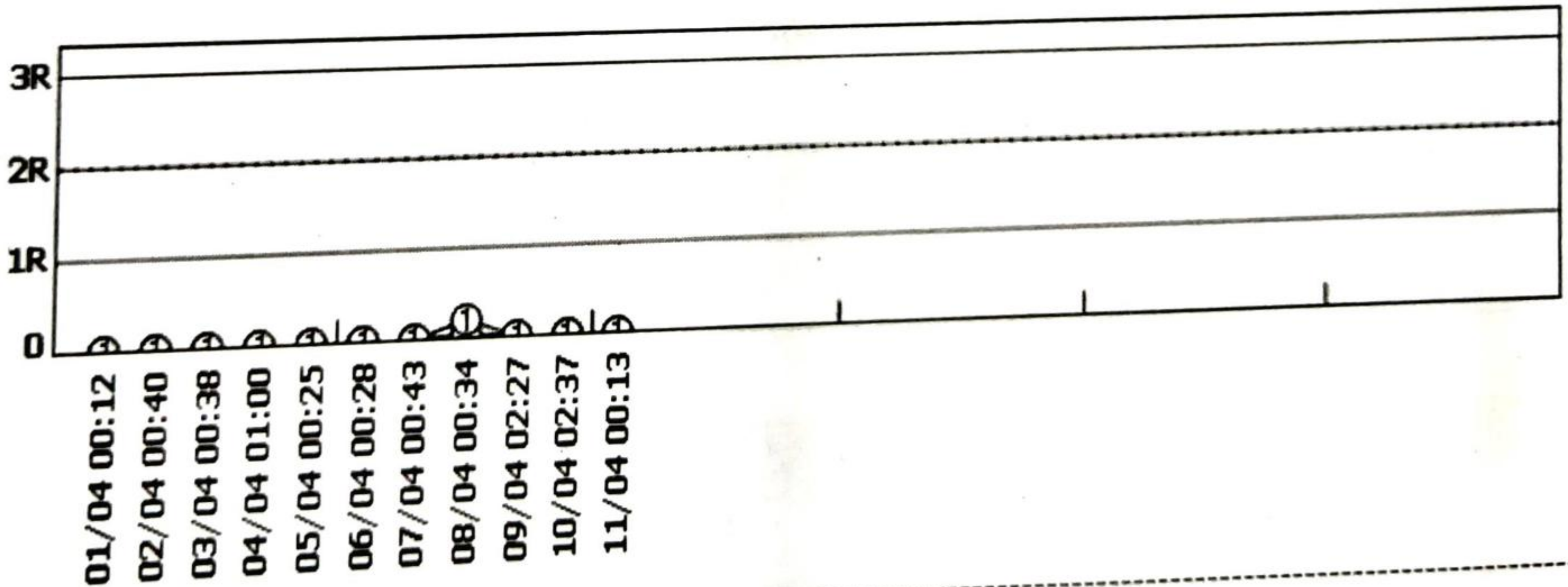
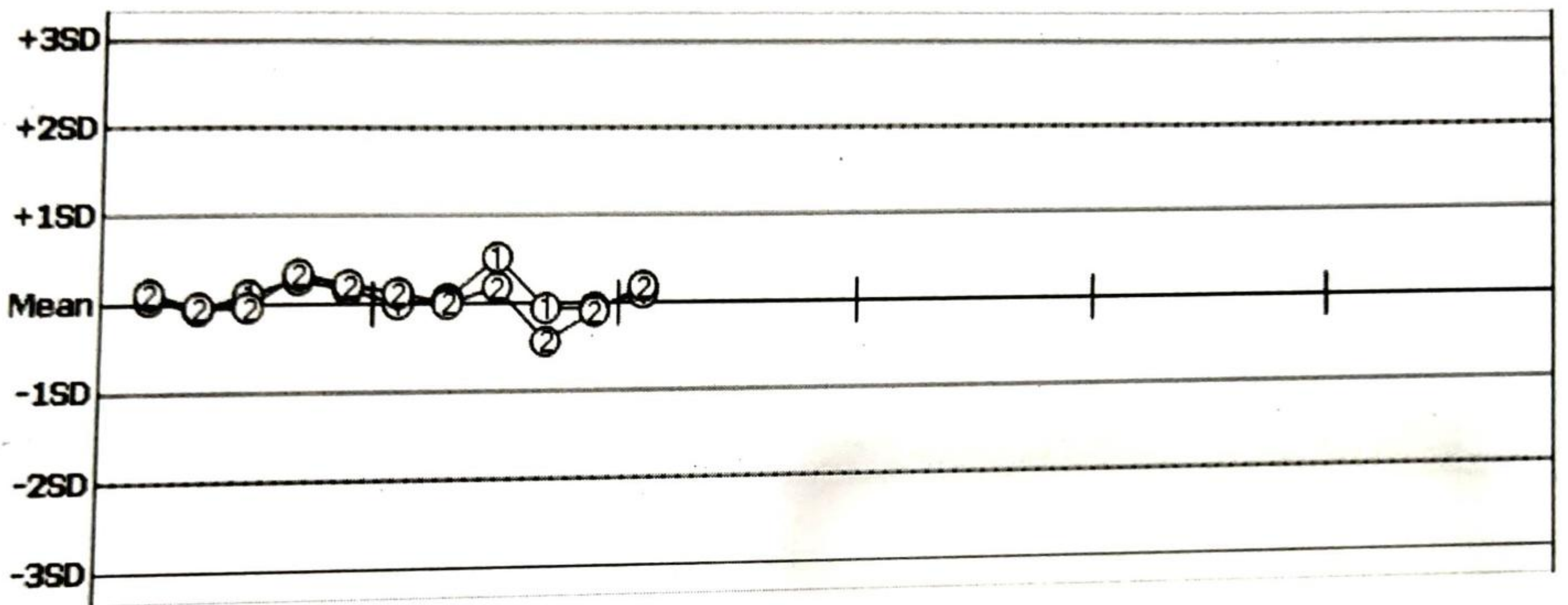
Index 01/04/2022 00:12 - 11/04/2022 00:13

Type Serum

98.K Statistics

	CONTROL 1	CONTROL 2								
N	: 11	: 11								
Mean	: 4.139	: 7.087								
SD	( 4.120)	( 7.070)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
CV	: 0.0315	: 0.0669								
Range	( 0.1800)	( 0.3200)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
	: 0.76	: 0.94								
	( 4.37)	( 4.53)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
	: 0.11	: 0.25								
	( 0.74)	( 1.28)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)

98.K Graph





QC Monitor - Day to Day Chart

Print Time [11/04/2022 19:42]

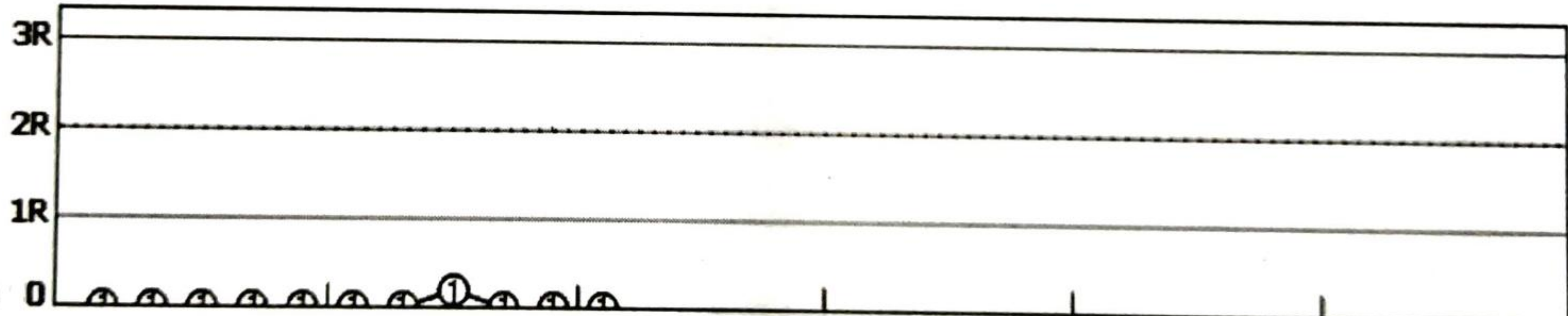
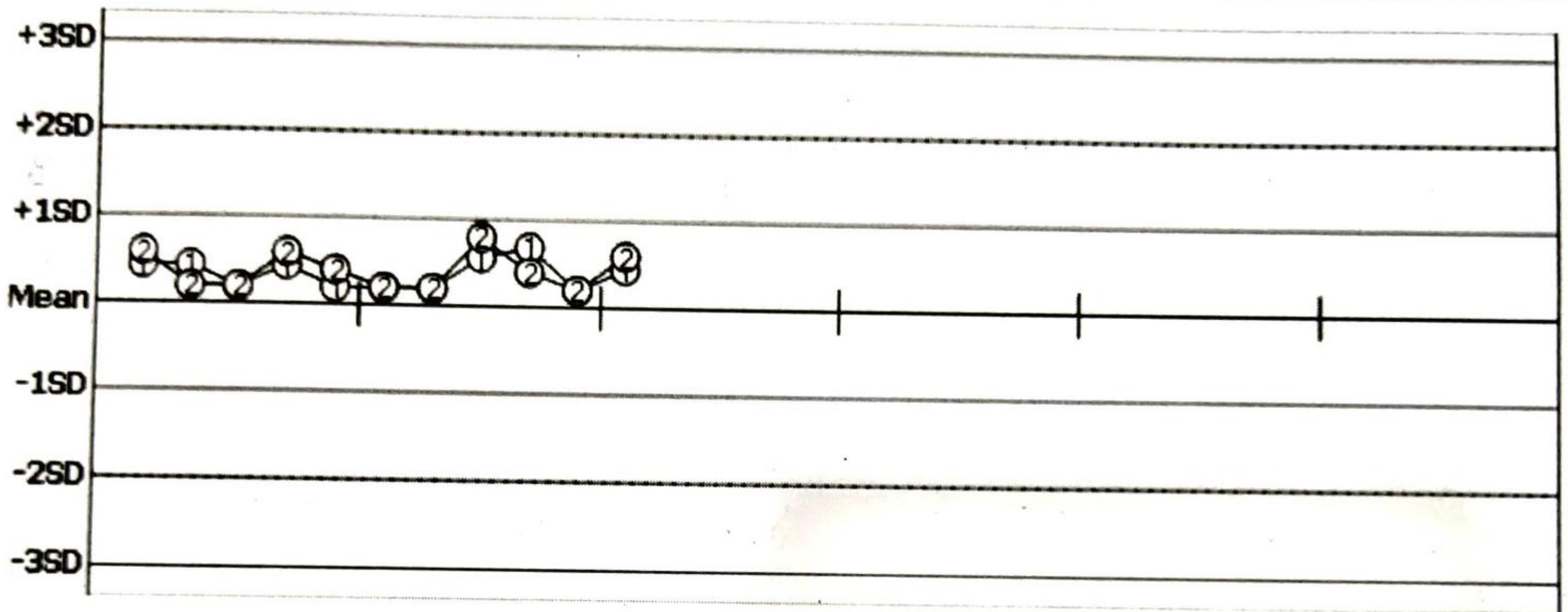
Index 01/04/2022 00:12 - 11/04/2022 00:13

Type Serum

99.c1 Statistics

	CONTROL 1	CONTROL 2								
N	: 11	: 11								
Mean	: 91.7	: 112.0								
SD	: 0.72	: 1.10	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
CV	: 0.79	: 0.98	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
Range	: 4.49	: 4.55	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
	: 2	: 3	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
	: 16)	: 20)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)

99.c1 Graph



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 11/04 00:13



Device No.0012955

Print Time [11/04/2022 19:42]

QC Monitor - Day to Day Chart

Index 01/04/2022 00:12 - 11/04/2022 00:13

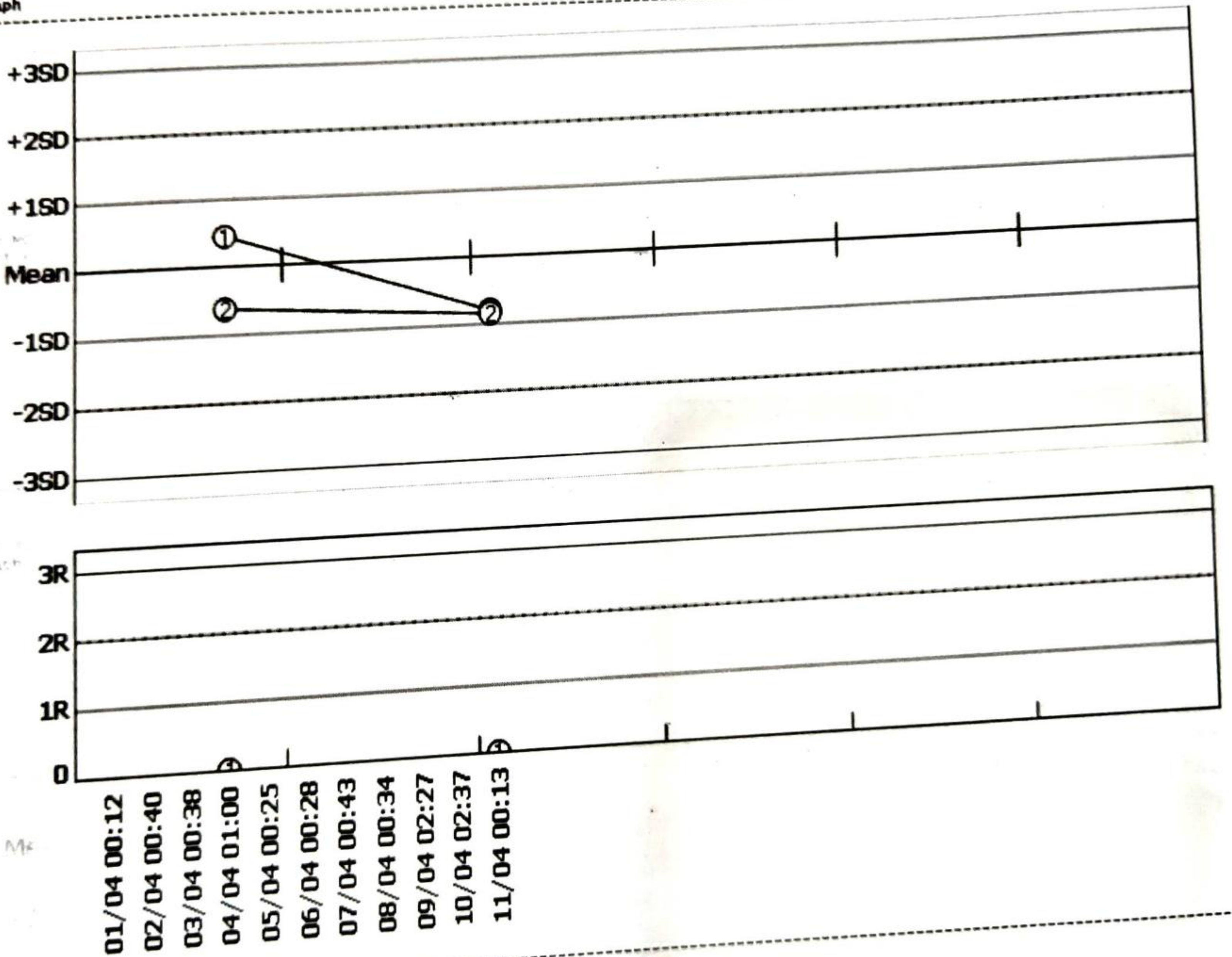
Type

Serum

106.MG Statistics

	CONTROL 1	CONTROL 2								
N	2	2								
Mean	2.495 ( 2.530)	3.755 ( 3.990)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
SD	0.1768 ( 0.2000)	0.0495 ( 0.3200)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
CV	7.09 ( 7.91)	1.32 ( 8.02)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)
Range	0.25 ( 0.80)	0.07 ( 1.28)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)	(-----)

106.MG Graph





QC Monitor - Day to Day Chart

Print Time [11/04/2022 19:42]

Index 01/04/2022 00:12 - 11/04/2022 00:13

Type

Serum

110. IRON Statistics

	CONTROL 1	CONTROL 2								
N	: 2	2								
Mean	: 71.85	204.95								
SD	: 0.354	4.455								
CV	: 0.49	2.17								
Range	: 0.5	6.3								
	( 5.100)	( 14.500)								
	( 6.97)	( 6.94)								
	( 20.0)	( 58.0)								

110. IRON Graph

