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TRANSASIA

UNMATCHED SERVICE SINCE 1979...

December 01, 2023

Calibration Certificate for Fully Automated Bio-Chemistry Analyzer Model: EM 200 (Sl. No. S200149)

This is to certify that the Fully Automated Bio-Chemistry Analyzer; Model: EM 200 installed at Unity Gastrocare and Diagnostic Centre, Agartala, Tripura has been calibrated. All parameters have been checked and found well within the limit.

This calibration is valid till November 30, 2024.

For Transasia Bio-Medicals Ltd.

Transasia Bio-Medicals Ltd. Guwahati

Taraknath Chakraborty,
Regional Service Manager

Erba Mannheim

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1.0 PRE APPROVAL

1.1 Prepared By

Name	Designation	Signature	Date
Prasenjit Das	Area Service Manager		24-3-2020

1.2 Checked By

Name	Designation	Signature	Date
Sampriti Sarkar	Lab Tech		24-3-20

1.3 Approved By

Name	Designation	Signature	Date
Dr. Devleena Dey Barman	MD Pathology		24-03-20

Note: After the Pre-Approval, this document is effective for the execution.

2.0 OBJECTIVE

The objective of this document is to provide an outline for the inspection of EM 200 (Bio-Chemistry Random Analyzer) and to verify that the following boundaries:

- Each Installed subcomponent complies with the engineering design and instrument data sheet / design specifications & manufacturer's recommendations.
- To ensure that all the safety features are defined before the start up of operational qualification exercise.
- The system meets the current regulatory requirements.
- To identify the Standard operating procedures for Operational Qualification.

3.0 SCOPE

The scope of this protocol is to outline procedure for Installation qualification of the subjected instrument within the following boundaries:

- Identification and verification of its Major components / Accessories
- Identification, Classification and Verification of Process Control Instruments / Gauges / Devices
- Identification and verification of Material of Construction
- Identification and verification of Supporting Utilities
- Identification of Standard Operating Procedures
- Identification and Verification of Documents

5.0 INSTRUMENT DESCRIPTION

The Clinical Chemistry Analyzer is an open, full automated, discrete, patient prioritized, random access, computerized analyzer.

Technical Specifications:

System Type	Close system, Automated, Discrete, Random Access, Patient Prioritized, 1/2 Reageants
Analysis Speed	200 Biochemistry tests per hour 400 tests per hour (with ISE) for a cycle time of 18 seconds
Display resolution	1024 X 768
Analyzer Dimensions	810 (W) x 800 (D) x 600 (H) mm
Number of tests on board	Maximum: 50
Assay Modes	1-point, 2-point,Rate-A and Rate –B, ISE optional
Calibration	Linear (two point and multi point), Factorized and Non-linear multipoint
Sample (Tubes / Cups)	Primary tubes of 5, 7 or 10mL & sample cups
Photometric Optics	Mono and Bi-chromatic measurement using 8 wavelengths
Absorbance Range	0 – 2.5
Auxiliary Data	10,000 results
Interface	RS-232 C port for Bi-directional Communication
Stat Sampling	Total 30 positions

Purpose:

The purpose of this instrument is to analyze the bio-chemical parameters, such as Sugar, Cholestrol, Tri-glycerides, Proteins, etc.

The working unit of the analyzer comprises the following:

- Basic operating unit with an intelligent photometer
- Sophisticated robotics combined with an operating console and a central processing unit (CPU).

Operating Unit:

The operating unit of the analyzer includes the sample and reagent handling systems. The sample handling system consists of a sample tray, sample arm, sample syringe and a wash station for the sample probe.

Photometric System:

The photometric system consists of 45 hard glass cuvettes, multi wavelength diffracting photometer and a halogen lamp.

Operating Console:

The operating console consists of a touch screen (optional) color TFT monitor, a key board and a mouse.

CPU (Central Processing Unit):

CPU consists of Pentium – IV 1.7 GHz processor (or Higher) with a 48 x CD Drive, and minimum 256 MB memory. The application software can be installed on computers with operating systems of Windows XP.

Besides the above mentioned, this analyzer has got the unique Software and Hardware features.

6.0 IDENTIFICATION OF MAJOR COMPONENTS / ACCESSORIES

Details of each major component identified in this section, is recorded in a data sheet under the section **08.0.**

Name of Component / Accessories	Present Yes / No	Verified by Signature	Observations
Sample Tray / Disk	Yes	Prasanjit Das	OK
Sample Syringe	Yes		
Sample Probe	Yes		
Wash Station for Sample Probe	Yes		
Reagent Tray / Disk	Yes		
Reagent Bottles	Yes		
Reagent Probe	Yes		
Stirrer	Yes		
Permanent Reaction Cuvette	Yes		
7 Stage Laundry System	Yes		
Light Source	Yes		
Sample Cups	Yes		
Software of EM 200	Yes		

7.0 INSTALLATION CHECK / REVIEW

S. No.	Statement	Yes / No	Verified by Signature
1.	Verify that the "as built' drawings are complete and represent the design concept	Yes	Prasanta Das
2.	Verify that major components / accessories are securely anchored and shock proof.		
3.	Verify that there is no observable physical damage.		
4.	Verify that there is sufficient room of servicing provided		
5.	Verify that all utilities and electrical connections have been done according to the drawings.		
6.	Walking access to ground mounted instrument provided.		
7.	Required electric connections are tight, weather proof and earthed.		
8.	Instrument identification nameplate visible.		
9.	Units installed on foundation and secure in place as per manufacturer's recommendations.		
10.	Verify that the instruments installed and leveled properly on the floor.		
11.	Verify that the Material of Construction is proper and meeting the requirements.		

8.0 INSPECTION CHECK / REVIEW

Instructions for completing the check / review

1. For each **data sheet,** record the required information with pen. Wherever required record "Yes" for acceptance, "No" for non-compliance and "NA" for not applicable.

"No" replies must be explained / justified.

2. When more than one component of same specification/type exists in the same equipment, individual data sheets should be filled for each component.

3. When a list of acceptable options is presented, tick (✔) the option that is actually present.

4. In the "**Method of Verification**" column indicate that item is installed and inspected according to manufacturer's specifications, such as by Visual / Physical, SOP, Test Certificate, Manual, etc.

TRANSASIA BIOMEDICALS LIMITED			
UNITY GASTROCARE & DIAGNOSTIC CENTER			
INSTALLATION QUALIFICATION			
Instrument Name	**EM 200**	**Instrument ID**	**S200149**

Instrument/ Component Name: Sample Tray / Disk

Date :

Description	Specified	Actual	Method of Verification	Verified by Signature
No. of patient cups / samples	30 positions	Yes		
Standards / Stat	30 positions	Yes		
Blank	Can be put on any position	Yes		
ISE positions (Optional)	Can be programmed on any positions	Yes		
Controls	Can be programmed on any positions	Yes		

TRANSASIA BIOMEDICALS LIMITED				TRANSASIA Bio-Medicals Ltd.
UNITY GASTROCARE & DIAGNOSTIC CENTER				
INSTALLATION QUALIFICATION				
Instrument Name	**EM 200**	**Instrument ID**	**S200149**	

Instrument/ Component Name: Sample Syringe

Date :

Description	Specified	Actual	Method of Verification	Verified by Signature
Dispensng Volume	2 – 70 µL	Yes		
Installed Location	Behind the instrument on the right side	Yes		
Quantity	01 No.	Yes		
Increase in dispensing volume	0.2 µL	Yes		

TRANSASIA BIOMEDICALS LIMITED			
UNITY GASTROCARE & DIAGNOSTIC CENTER			
INSTALLATION QUALIFICATION			
Instrument Name	**EM 200**	**Instrument ID**	**S200149**

Instrument/ Component Name: Sample Probe

Date :

Description	Specified	Actual	Method of Verification	Verified by Signature
Aspiration Volume	2 – 70 µL	Yes		
MOC	Teflon coated	Yes		
Quantity	01 No.	Yes		
Increase in aspiration volume	0.2 µL	Yes		

Instrument/ Component Name: Wash Station for Sample Probe

Date :

Description	Specified	Actual	Method of Verification	Verified by Signature
No. of position	01 No	Yes		
Type of positions	i) Drain ii) Trough	Yes		

Instrument/ Component Name: Reagent Tray / Disk

Date :

Description	Specified	Actual	Method of Verification	Verified by Signature
Cool reagent disk	50 positions	Yes		
Outer Rings	25 positions	Yes		
Inner Rings	25 positions	Yes		
Adaptors of 5mL	50 positions	Yes		
Maintenance of Temperature	8-12°C ± 2°C	Yes		
Rotation of disk	Counter-Clockwise	Yes		
Time for Rotation of one Cuvette	Every 18 seconds	Yes		

TRANSASIA BIOMEDICALS LIMITED			
UNITY GASTROCARE & DIAGNOSTIC CENTER			
INSTALLATION QUALIFICATION			
Instrument Name	**EM 200**	**Instrument ID**	**S200149**

Instrument/ Component Name: Reagent Bottles

Date :

Description	Specified	Actual	Method of Verification	Verified by Signature
Minimum Capacity	20 mL	Yes		
Maximum Capacity	50 mL	Yes		
Quantity (Large)	25 Nos'	Yes		
Quantity (Smaller)	25 Nos'	Yes		
Type	Screw Capped	Yes		
Outer ring position	20 mL bottles & 5ml adaptors	Yes		
Inner ring position	20 mL & 50 mL bottles & 5ml adaptors	Yes		
MOC	Plastic	Yes		
Adaptor	50 Nos'	Yes		
Adaptor Capacity	5 mL	Yes		
Identification of Reagents	Barcode labels on the reagent containers	Yes		

Instrument/ Component Name: Reagent Probe

Date :

Description	Specified	Actual	Method of Verification	Verified by Signature
Aspiration/Dispensing Volume	R1: 50 – 300 µL	Yes		
	R2: 0 or10 – 300 µL	Yes		
MOC	Teflon coated	Yes		
Quantity	01 Nos'.	Yes		
Increase in aspiration/dispensing volume	1 µL	Yes		

Instrument/ Component Name: Reagent Syringe

Date :

Description	Specified	Actual	Method of Verification	Verified by Signature
Maximum capacity	500 µL	Yes		
Installed Location	At the back of the instrument on the right side	Yes		
Quantity	01 No.	Yes		
Increase in dispensing volume	1 µL	Yes		

Instrument/ Component Name: Permanent Reaction Cuvette

Tag/Identification No.:

Date :

Description	Specified	Actual	Method of Verification	Verified by Signature
Quantity	45 Nos'	Yes		
MOC	Hard Glass	Yes		
Capacity	770 µL	Yes		

TRANSASIA BIOMEDICALS LIMITED				TRANSASIA Bio-Medicals Ltd.
UNITY GASTROCARE & DIAGNOSTIC CENTER				
INSTALLATION QUALIFICATION				
Instrument Name	**EM 200**	**Instrument ID**	**S200149**	

Instrument/ Component Name: 7 Stage Laundry System

Date :

Description	Specified	Actual	Method of Verification	Verified by Signature
Nozzles	Nozzle - 1	Yes		
	Nozzle – 2	Yes		
	Nozzle – 3	Yes		
	Nozzle – 4	Yes		
	Nozzle – 5	Yes		
	Nozzle – 6	Yes		
	Nozzle - 7	Yes		

TRANSASIA BIOMEDICALS LIMITED			
UNITY GASTROCARE & DIAGNOSTIC CENTER			
INSTALLATION QUALIFICATION			
Instrument Name	**EM 200**	**Instrument ID**	**S200149**

Instrument/ Component Name: Light Source

Date :

Description	Specified	Actual	Method of Verification	Verified by Signature
Watts	12 W	Yes		
Volts	12 V	Yes		
MOC	Halogen	Yes		
Quantity	01 No	Yes		

TRANSASIA BIOMEDICALS LIMITED				TRANSASIA Bio-Medicals Ltd.
UNITY GASTROCARE & DIAGNOSTIC CENTER				
INSTALLATION QUALIFICATION				
Instrument Name	**EM 200**	**Instrument ID**	**S200149**	

Instrument/ Component Name: Sample Cups

Date :

Description	Specified	Actual	Method of Verification	Verified by Signature
Quantity	500 Nos'	Yes		
MOC	Plastic	Yes		
Capacity	2 mL	Yes		

TRANSASIA BIOMEDICALS LIMITED				TRANSASIA Bio-Medicals Ltd.
UNITY GASTROCARE & DIAGNOSTIC CENTER				
INSTALLATION QUALIFICATION				
Instrument Name	**EM 200**	**Instrument ID**	**S200149**	

Instrument/ Component Name: Software of EM 200

Date :

Description	Specified	Actual	Method of Verification	Verified by Signature
Version		Yes		
CD number				
Product	EM- 200	Yes		
Make	Erba Transasia	Yes		

9.0 IDENTIFICATION AND VERIFICATION OF MATERIAL OF CONSTRUCTION

Identify and list down all components of the equipment for its material of construction.

Method of Test may be Molybdenum Test, Test Certificate, Manual, etc.

Component (s)	Material of Construction	Actual	Method of Verification	Verified by Sign & Date
Sample Probe	Teflon coated	Yes		
Reagent Probe	Teflon coated	Yes		
Permanent Reaction Cuvette	Hard Glass	Yes		
Light Source	Halogen	Yes		
Reagent Bottle	Plastic	Yes		
Sample Cups	Plastic	Yes		

10.0 IDENTIFICATION AND VERIFICATION OF SUPPORTING UTILITIES

List the supporting utilities and record whether or not they are properly connected and identified.

Utilities	Observation / Result	Verified by Sign & Date
Power	OK	
Distilled Water	OK	
Wash Solution	OK	
UPS	OK	

11.0 IDENTIFICATION OF STANDARD OPERATING PROCEDURE

SOP No.	Title
Operation	Operation of Bio-Chemistry Random Analyzer
Calibration	Calibration of Parameters
Controls	Checking of Controls for Parameters
Maintenance	Maintenance / Checking of Distilled water, Waste, Wash solution, Cuvette rinse, Sample probe wash and Water save
Cleaning	Cleaning of Instrument surface

12.0 IDENTIFICATION AND VERIFICATION OF DOCUMENTS

12.1 DRAWINGS

Title	Drawing No.	Verified by Sign & Date
As-built Drawing		

12.2 GENERAL DOCUMENTS

Title	Document No.	Verified by Sign & Date
General		
Purchase Order No.		
Warranty Certificate		
Invoice		
Test Certificates		
Material of Construction		
Electrical Motor		

13.0 **DEFICIENCIES / DEVIATIONS:**

Reviewed by:

Name	Signature	Date

14.0 **SUMMARY AND EVALUATION:**

Reviewed by:

Name	Signature	Date

15.0 ABBREVIATIONS

SOP	**Standard Operating Procedure**
MOC	Material of Construction
IQ	Installation Qualification

16.0 POST APPROVAL:

16.1 Checked by

Name	Designation	Signature	Date
Sampriti	Lab Tech		24-03-20

16.2 Approved by

Name	Designation	Signature	Date
Dr. D. Barman	Pathologist		24-03-20

Note: This report is effective from the date of approval.

TRANSASIA BIOMEDICALS LIMITED				
PERFORMANCE QUALIFICATION				
UNITY GASTROCARE & DIAGNOSTIC CENTER				
Customer Name: Unity Gastrocare & Diagnostic Center	Model: EM 200	Serial Number:	S200149	TRANSASIA Bio-Medicals Ltd.

ANNEXURE-A

TABLE OF CONTENTS

1. APPROVAL:

1.1 Prepared By:

Name	Designation	Signature	Date
Sudham Das	Sr.Application Specialist		

1.2 Checked By:

Name	Designation	Signature	Date
Sampriti Santra	Lab Tech		24-03-20

1.3 Approved By:

Name	Designation	Signature	Date
Dr. D. Barman	Pathologist		24-03-20

2. OBJECTIVE:

The objective of this protocol is to establish documented evidence for the Performance Qualification of EM 200 (Fully Automated Bio-Chemistry Analyzer) and to Ensure that the results obtained are within the pre-determined Acceptance Criteria.

3. PRE-REQUISITES:

Following Pre-requisites are required before the execution of Performance Qualification.

- Completion of Installation Qualification (IQ) prior to PQ.
- Completion of Operational Qualification (OQ) prior to PQ.

4. TEST PLAN:

Following any of 3 available test parameter precision shall be performed (N=20 *for each parameter each level*) on Mono Level &/or Bi-Level controls and check the CV% during the Performance Qualification of EM 200 (Fully Automated Bio-chemistry Analyzer).

Sr.No.	Test Parameter
1.	ALBUMIN
2.	CREATININE
3.	GAMMA GT
4.	GLUCOSE
5.	SGPT
6.	PROTEIN
7.	UREA

5. ACCEPTANCE CRITERIA:

Acceptance criteria are based on the precision studies conducted as per *CLSI Guideline EP 05-A3*.

TRANSASIA BIOMEDICALS LIMITED			
PERFORMANCE QUALIFICATION			
UNITY GASTROCARE & DIAGNOSTIC CENTER			
Customer Name: Unity Gastrocare & Diagnostic Center	Model: EM 200	Serial Number:	S200149

6. SUMMARY:

Test Name	UREA		SGOTD		CREATININE	
Level	NORM	PATH	NORM	PATH	NORM	PATH
Mean	36.3	101.9	33.6	122.6	0.91	3.69
SD	0.32	0.61	0.47	1.06	0.02	0.03
CV%	0.90	0.60	1.39	0.87	2.33	0.77
Acceptable Criteria (Max.value)	<5 %	<5 %	<5 %	<5 %	<5 %	<5 %
Status	PASS	PASS	PASS	PASS	PASS	PASS

Traceability: Instrument Raw Data from Test Statistics Menu.

Note: This report is effective from the date of approval.

Annexure-B

Instrument Raw Data from Test Statistics Menu to be attached as printout attachments in Annexure-B.

TRANSASIA BIOMEDICALS LIMITED				TRANSASIA Bio-Medicals Ltd.
UNITY GASTROCARE & DIAGNOSTIC CENTER				
OPERATIONAL QUALIFICATION CHECKLIST				
Instrument Name	**EM 200**	**Instrument ID**	**S200149**	

As part of Operational qualification, the following checks shall be done and each test shall be recorded:

Instrument Start-up

To check and establish the standard sequence to be followed, during start-up of the subjected instrument in Auto / Manual mode, to propose for correct operation and to avoid any damage to the instrument and personnel.

Functional Checks

To check and ensure that different functions (such as switching devices, indication / monitoring / recording devices, feedback system, etc.) for correct operation of the subjected instrument are working as expected.

Interlocks and Alarms Check

To check and ensure that the interlocks and alarms (such as status indication system, negative feed back system, control loops, sound alarms, etc.) for correct control and monitoring of the operation cycle are working as expected.

Safety / Security Checks

To check and ensure that the safety / security functions (such as program logging, process control, personnel safety systems, password check, etc.) to protect the instrument and personnel are working as expected.

Instrument Shut-down

To check and establish the standard sequence to be followed, during shut-down of the subjected instrument in Auto / Manual mode, to propose for correct operation and to avoid any damage to the instrument and personnel.

TRANSASIA BIOMEDICALS LIMITED			
UNITY GASTROCARE & DIAGNOSTIC CENTER			
OPERATIONAL QUALIFICATION CHECKLIST			
Instrument Name	**EM 200**	**Instrument ID**	**S200149**

1.0 INSTRUMENT START-UP:

Refer the Operator's Manual for the procedures, for the following activities:

Action	Observation	Verified by (Sign & Date)	Remarks
Ensure that all the required electrical connections are properly connected.	OK		
Ensure the proper filling of double distilled / de-ionized water and Cleaning solution in the respective cans.	OK		
Ensure the availability of XL Wash.	OK		
Ensure the availability of Biohazard Waste.	OK		
Ensure the availability of Normal Waste.	OK		
Switch ON the rear switch of the analyzer.	OK		
Switch ON the side switch of the analyzer.	OK		
Switch ON the computer and start the analyzer application software.	OK		
Initialization	OK		

2.0 FUNCTIONAL CHECKS:

2.1 Maintenance:

Refer the Operator's Manual for the procedures, for the following activities:

Activity	Observation	Verified by (Sign & Date)	Remarks
Photometer functioning	OK		
Cuvette Rinse	OK		

2.2 Loading of Reagents:

Refer the Operator's Manual for the procedures, for the following activities:

Action	Observation	Verified by (Sign & Date)	Remarks
Reagent Level Scan, Dead Volume Check & 2 Reagent Chemistry	OK		

TRANSASIA BIOMEDICALS LIMITED			
UNITY GASTROCARE & DIAGNOSTIC CENTER			
OPERATIONAL QUALIFICATION CHECKLIST			
Instrument Name	**EM 200**	**Instrument ID**	**S200149**

2.3 Calibration:

Refer the Operator's Manual for the procedures, for the following activities:

Action	Observation	Verified by (Sign & Date)	Remarks
Blank (Distilled Water)	OK		
Standard (Multical)	OK		

TRANSASIA BIOMEDICALS LIMITED				TRANSASIA Bio-Medicals Ltd.
UNITY GASTROCARE & DIAGNOSTIC CENTER				
OPERATIONAL QUALIFICATION CHECKLIST				
Instrument Name	**EM 200**	**Instrument ID**	**S200149**	

3.0 INTERLOCKS AND ALARMS CHECK:

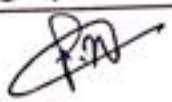
Refer the Operator's Manual for the procedures, for the following activities:

Action	Observation	Verified by (Sign & Date)	Remarks
Less volume of Distilled Water	OK		
Less volume of Wash Solution	OK		
More volume of Bio-Hazard waste	OK		
More volume of Normal / General waste	OK		

TRANSASIA BIOMEDICALS LIMITED			
UNITY GASTROCARE & DIAGNOSTIC CENTER			
OPERATIONAL QUALIFICATION CHECKLIST			
Instrument Name	**EM 200**	**Instrument ID**	**S200149**

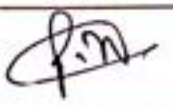
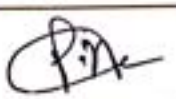
4.0 SAFETY / SECURITY CHECKS:

Refer the Operator's Manual for the procedures, for the following activities:

Action	Observation	Verified by (Sign & Date)	Remarks
Password Check for Test Parameters	OK		
Password Check for QC Mode	OK		

5.0 INSTRUMENT SHUT-DOWN:

Refer the Operator's Manual for the procedures, for the following activities:

Action	Observation	Verified by (Sign & Date)	Remarks
Sample Probe Wash	OK		
Water Save	OK		
Switch OFF the computer.	OK		
Switch OFF the side switch of the analyzer.	OK		
Switch OFF the rear switch of the analyzer.	OK		

Test Statistics

Test	CHOL	*Report Type*	*Patients*
Date From	02-Dec-2023	Date To	02-Dec-2023

Sample ID PRECESSION L1 Patient Name - Age -

Sr#	Result	Unit	Flag	Result Date	Curve #	Used Calibration
1	144	mg/dl	-	02-Dec-2023 20:01:53	31575	02-Dec-2023 19:03:49
2	145	mg/dl	-	02-Dec-2023 20:01:35	31574	02-Dec-2023 19:03:49
3	144	mg/dl	-	02-Dec-2023 20:01:17	31573	02-Dec-2023 19:03:49
4	145	mg/dl	-	02-Dec-2023 20:00:59	31572	02-Dec-2023 19:03:49
5	145	mg/dl	-	02-Dec-2023 20:00:41	31571	02-Dec-2023 19:03:49
6	144	mg/dl	-	02-Dec-2023 20:00:23	31570	02-Dec-2023 19:03:49
7	146	mg/dl	-	02-Dec-2023 20:00:05	31569	02-Dec-2023 19:03:49
8	144	mg/dl	-	02-Dec-2023 19:59:47	31568	02-Dec-2023 19:03:49
9	149	mg/dl	-	02-Dec-2023 19:59:29	31567	02-Dec-2023 19:03:49
10	170	mg/dl	-	02-Dec-2023 19:59:11	31566	02-Dec-2023 19:03:49
11	146	mg/dl	-	02-Dec-2023 19:58:53	31565	02-Dec-2023 19:03:49
12	145	mg/dl	-	02-Dec-2023 19:58:35	31564	02-Dec-2023 19:03:49
13	145	mg/dl	-	02-Dec-2023 19:58:17	31563	02-Dec-2023 19:03:49
14	145	mg/dl	-	02-Dec-2023 19:57:59	31562	02-Dec-2023 19:03:49
15	143	mg/dl	-	02-Dec-2023 19:57:41	31561	02-Dec-2023 19:03:49
16	147	mg/dl	-	02-Dec-2023 19:57:22	31560	02-Dec-2023 19:03:49
17	145	mg/dl	-	02-Dec-2023 19:57:04	31559	02-Dec-2023 19:03:49
18	145	mg/dl	-	02-Dec-2023 19:56:46	31558	02-Dec-2023 19:03:49
19	150	mg/dl	-	02-Dec-2023 19:56:28	31557	02-Dec-2023 19:03:49
20	145	mg/dl	-	02-Dec-2023 19:56:10	31556	02-Dec-2023 19:03:49

Test Statistics

Test	CHOL	*Report Type*	*Patients*
Date From	02-Dec-2023	Date To	02-Dec-2023

Sample ID PRECESSION L2 Patient Name - Age -

Sr#	Result	Unit	Flag	Result Date	Curve #	Used Calibration
1	242	mg/dl	H	02-Dec-2023 19:31:48	31475	02-Dec-2023 19:03:49
2	240	mg/dl	H	02-Dec-2023 19:31:30	31474	02-Dec-2023 19:03:49
3	240	mg/dl	H	02-Dec-2023 19:31:12	31473	02-Dec-2023 19:03:49
4	237	mg/dl	H	02-Dec-2023 19:30:54	31472	02-Dec-2023 19:03:49
5	234	mg/dl	H	02-Dec-2023 19:30:36	31471	02-Dec-2023 19:03:49
6	236	mg/dl	H	02-Dec-2023 19:30:18	31470	02-Dec-2023 19:03:49
7	241	mg/dl	H	02-Dec-2023 19:30:00	31469	02-Dec-2023 19:03:49
8	237	mg/dl	H	02-Dec-2023 19:29:42	31468	02-Dec-2023 19:03:49
9	243	mg/dl	H	02-Dec-2023 19:29:24	31467	02-Dec-2023 19:03:49
10	238	mg/dl	H	02-Dec-2023 19:29:06	31466	02-Dec-2023 19:03:49
11	239	mg/dl	H	02-Dec-2023 19:28:47	31465	02-Dec-2023 19:03:49
12	240	mg/dl	H	02-Dec-2023 19:28:29	31464	02-Dec-2023 19:03:49
13	240	mg/dl	H	02-Dec-2023 19:28:11	31463	02-Dec-2023 19:03:49
14	241	mg/dl	H	02-Dec-2023 19:27:53	31462	02-Dec-2023 19:03:49
15	240	mg/dl	H	02-Dec-2023 19:27:35	31461	02-Dec-2023 19:03:49
16	242	mg/dl	H	02-Dec-2023 19:27:17	31460	02-Dec-2023 19:03:49
17	240	mg/dl	H	02-Dec-2023 19:26:59	31459	02-Dec-2023 19:03:49
18	240	mg/dl	H	02-Dec-2023 19:26:41	31458	02-Dec-2023 19:03:49
19	240	mg/dl	H	02-Dec-2023 19:26:23	31457	02-Dec-2023 19:03:49
20	238	mg/dl	H	02-Dec-2023 19:26:05	31456	02-Dec-2023 19:03:49

Test Statistics

Test	CHOL	*Report Type*	*Patients*
Date From	02-Dec-2023	Date To	02-Dec-2023

Sample ID PRECESSION L2 Patient Name - Age -

Sr#	Result	Unit	Flag	Result Date	Curve #	Used Calibration
1	242	mg/dl	H	02-Dec-2023 19:31:48	31475	02-Dec-2023 19:03:49
2	240	mg/dl	H	02-Dec-2023 19:31:30	31474	02-Dec-2023 19:03:49
3	240	mg/dl	H	02-Dec-2023 19:31:12	31473	02-Dec-2023 19:03:49
4	237	mg/dl	H	02-Dec-2023 19:30:54	31472	02-Dec-2023 19:03:49
5	234	mg/dl	H	02-Dec-2023 19:30:36	31471	02-Dec-2023 19:03:49
6	236	mg/dl	H	02-Dec-2023 19:30:18	31470	02-Dec-2023 19:03:49
7	241	mg/dl	H	02-Dec-2023 19:30:00	31469	02-Dec-2023 19:03:49
8	237	mg/dl	H	02-Dec-2023 19:29:42	31468	02-Dec-2023 19:03:49
9	243	mg/dl	H	02-Dec-2023 19:29:24	31467	02-Dec-2023 19:03:49
10	238	mg/dl	H	02-Dec-2023 19:29:06	31466	02-Dec-2023 19:03:49
11	239	mg/dl	H	02-Dec-2023 19:28:47	31465	02-Dec-2023 19:03:49
12	240	mg/dl	H	02-Dec-2023 19:28:29	31464	02-Dec-2023 19:03:49
13	240	mg/dl	H	02-Dec-2023 19:28:11	31463	02-Dec-2023 19:03:49
14	241	mg/dl	H	02-Dec-2023 19:27:53	31462	02-Dec-2023 19:03:49
15	240	mg/dl	H	02-Dec-2023 19:27:35	31461	02-Dec-2023 19:03:49
16	242	mg/dl	H	02-Dec-2023 19:27:17	31460	02-Dec-2023 19:03:49
17	240	mg/dl	H	02-Dec-2023 19:26:59	31459	02-Dec-2023 19:03:49
18	240	mg/dl	H	02-Dec-2023 19:26:41	31458	02-Dec-2023 19:03:49
19	240	mg/dl	H	02-Dec-2023 19:26:23	31457	02-Dec-2023 19:03:49
20	238	mg/dl	H	02-Dec-2023 19:26:05	31456	02-Dec-2023 19:03:49

Test Statistics

Test	CHOL	*Report Type*	*Patients*
Date From	02-Dec-2023	Date To	02-Dec-2023

Computed Ranges And Statistical Values

Reference Range	0
Above Reference Range	20
Below Reference Range	0
Default Range	0
Total Test(s)	20

Sr# From 1 To 20

N	20
Mean	239
SD	2.19
%CV	0.91
Range	9

TRANSASIA

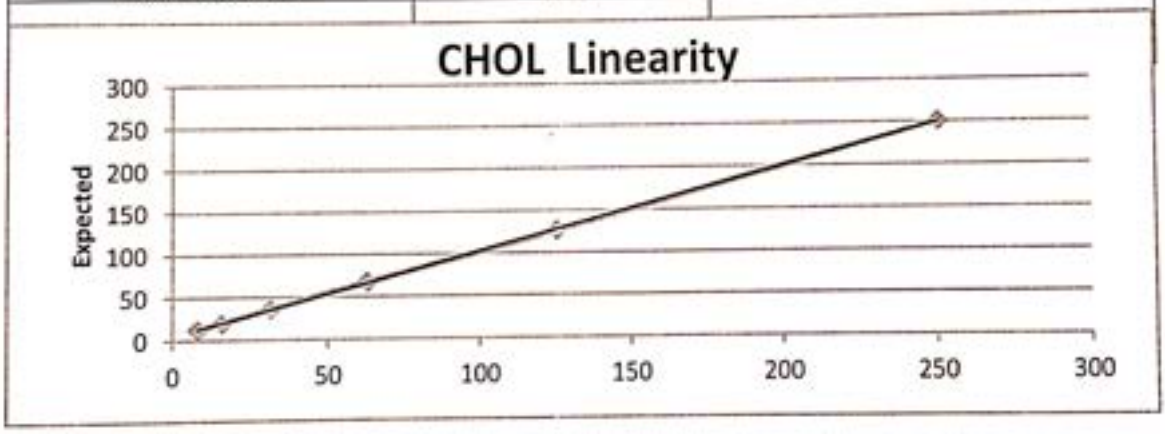
Transasia Bio - Medicals Ltd., Transasia House, 8 Chandivali Studio Road, Andheri (E), Mumbai - 400 072
Tel: +91 22 4030 9000 Fax: +91 22 2857 3030

Ref. No TBM/EZ3/23-24/0043 **Date:** 18.12.2023

Linearity Study for CHOL Test

Institution: UNITY GASTROCARE & DIAGNOSTICS CENTRE
Name of the Technical person: PRASENJIT DAS
Date performed: 18.12.2023

Instrument Name: EM 200	SL No : S200149	Test Name : CHOL
CHOL	Expected	Obtained
Neat	251	251
1/2 DILUTION	125.5	126
1/4 DILUTION	62.75	67
1/8 DILUTION	31.37	36
1/16 DILUTION	15.68	20
1/32 DILUTION	7.84	12



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Ref. No TBM/EZ3/23-24/0044

Date: 18.12.2023

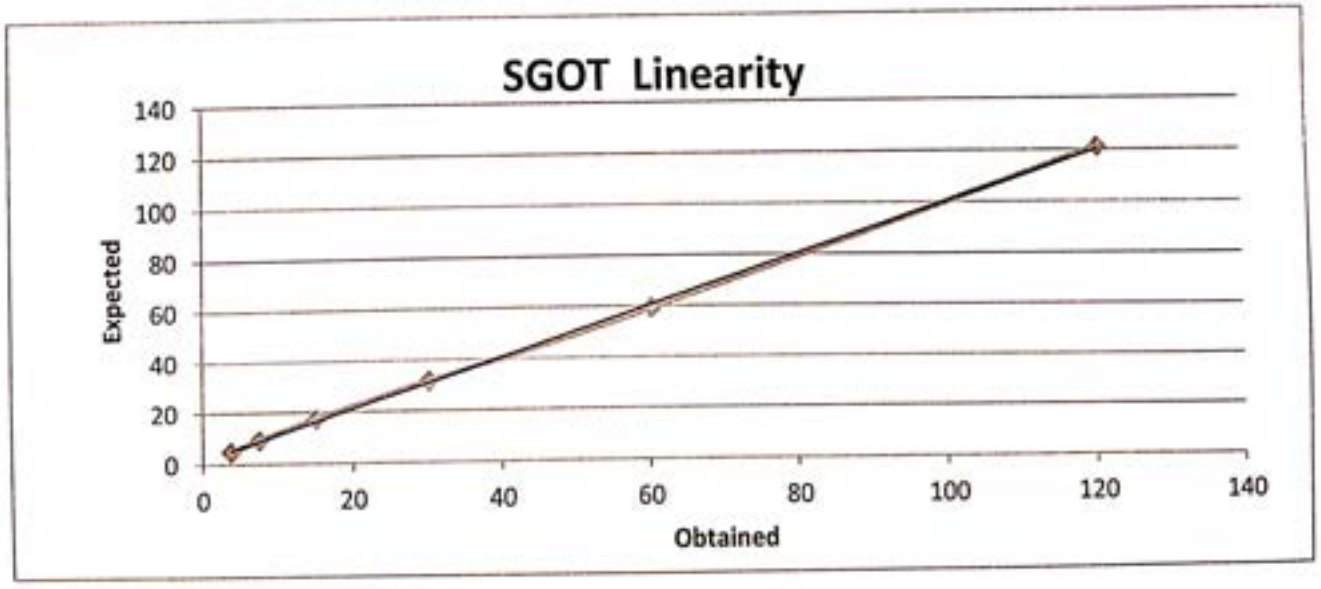
Linearity Study for SGOT Test

Institution: UNITY GASTROCARE & DIAGNOSTICS CENTRE

Name of the Technical person: PRASENJIT DAS

Date performed: 18.12.2023

Instrument Name : EM 200	SL No : S200149	Test Name : SGOT
SGOT	Expected	Obtained
Neat	120.9	120.9
1/2 DILUTION	60.45	59.1
1/4 DILUTION	30.22	31.6
1/8 DILUTION	15.11	17.1
1/16 DILUTION	7.55	9.2
1/32 DILUTION	3.77	4.7



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Transasia Bio - Medicals Ltd., Transasia House, 8 Chandivali Studio Road, Andheri (E), Mumbai - 400 072
Tel: +91 22 4030 9000 Fax: +91 22 2857 3030

Ref. No TBM/EZ3/23-24/0042 **Date:** 18.12.2023

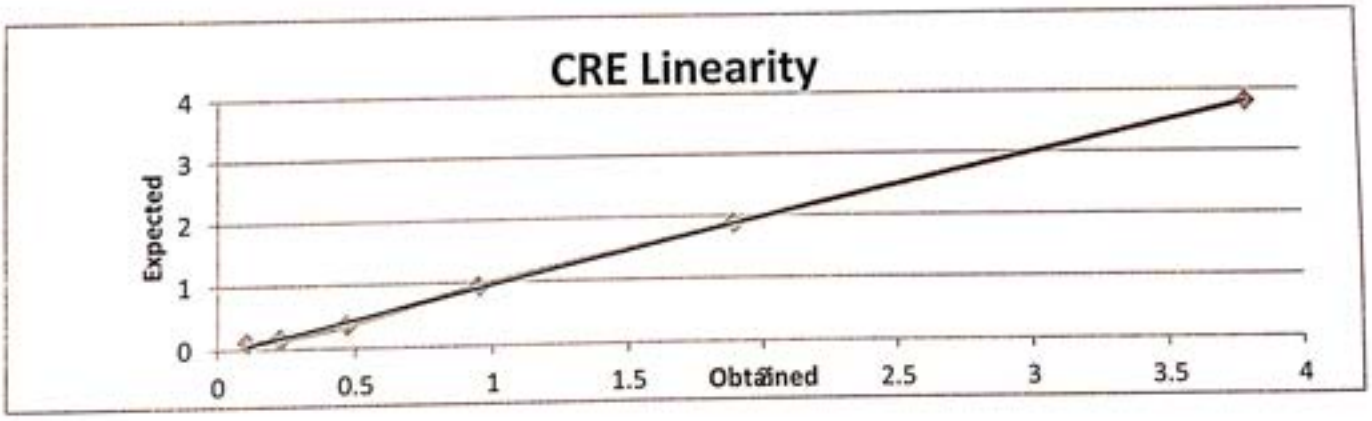
Linearity Study for Creatinine Test

Institution: UNITY GASTROCARE & DIAGNOSTICS CENTRE

Name of the Technical person: PRASENJIT DAS

Date performed: 18.12.2023

Instrument Name : EM 200	SL No : S200149	Test Name : CREATININE
CREATININE	Expected	Obtained
Neat	3.8	3.8
1/2 DILUTION	1.9	1.87
1/4 DILUTION	0.95	0.93
1/8 DILUTION	0.47	0.36
1/16 DILUTION	0.23	0.15
1/32 DILUTION	0.11	0.10



Transasia Bio - Medicals Ltd., Transasia House, 8 Chandivali Studio Road, Andheri (E), Mumbai - 400 072
Tel: +91 22 4030 9000 Fax: +91 22 2857 3030

TRANSASIA

Ref. No TBM/EZ3/23-24/0035 **Date:** 02.12.2023

NAME OF THE INSTITUTION: UNITY GASTROCARE & DIAGNOSTICS CENTRE

Precision worksheet : UNITYGASTROCARE AND DIAGNOSTICS CENTRE

Instrument Id : EM200

Name of Technical person: PRASENJIT DAS

Supervisor review: Dr. DEVLEENA DEV BURMAN

Date Performed : 02-12-2023

Run sequence	UREA	CREA	CHLO	SGOT	ALB
1	101.4	3.70	242	123.8	5.01
2	101.6	3.68	240	125.5	5.00
3	101.1	3.71	240	122.1	5.01
4	101.6	3.73	237	122.8	5.01
5	101.3	3.64	234	123.5	5.01
6	102.2	3.70	236	122.6	5.00
7	100.8	3.69	241	121.6	5.04
8	101.4	3.69	237	123.3	5.01
9	102.4	3.72	243	122.6	5.03
10	103.2	3.68	238	121.2	5.01
11	101.7	3.68	239	123.1	5.00
12	102.2	3.72	240	120.9	4.98
13	101.8	3.72	240	122.1	5.01
14	102.7	3.72	241	122.4	4.99
15	102.6	3.70	240	121.9	5.03
16	101.6	3.64	242	122.4	5.01
17	102.6	3.72	240	122.6	5.03
18	102.2	3.66	240	121.4	5.02
19	101.5	3.65	240	121.4	5.05
20	101.8	3.66	238	123.1	5.05
Mean	**101.9**	**3.69**	**239**	**122.5**	**5.015**
SD	**0.61**	**0.02**	**2.19**	**1.06**	**0.02**
CV%	**0.60**	**0.76**	**0.91**	**0.87**	**0.37**
Allowable Limit	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**

Status : PASS

Erba

Test Statistics

Test	ALBD	*Report Type*	*Patients*
Date From	02-Dec-2023	Date To	02-Dec-2023

Sample ID	PRECESSION L1	Patient Name	-	Age	-

Sr#	Result	Unit	Flag	Result Date	Curve #	Used Calibration
1	3.49	g/dl	L	02-Dec-2023 20:07:54	31595	02-Dec-2023 19:06:14
2	3.49	g/dl	L	02-Dec-2023 20:07:36	31594	02-Dec-2023 19:06:14
3	3.49	g/dl	L	02-Dec-2023 20:07:18	31593	02-Dec-2023 19:06:14
4	3.48	g/dl	L	02-Dec-2023 20:07:00	31592	02-Dec-2023 19:06:14
5	3.47	g/dl	L	02-Dec-2023 20:06:42	31591	02-Dec-2023 19:06:14
6	3.49	g/dl	L	02-Dec-2023 20:06:24	31590	02-Dec-2023 19:06:14
7	3.49	g/dl	L	02-Dec-2023 20:06:06	31589	02-Dec-2023 19:06:14
8	3.48	g/dl	L	02-Dec-2023 20:05:48	31588	02-Dec-2023 19:06:14
9	3.50	g/dl	-	02-Dec-2023 20:05:30	31587	02-Dec-2023 19:06:14
10	3.46	g/dl	L	02-Dec-2023 20:05:12	31586	02-Dec-2023 19:06:14
11	3.48	g/dl	L	02-Dec-2023 20:04:54	31585	02-Dec-2023 19:06:14
12	3.46	g/dl	L	02-Dec-2023 20:04:36	31584	02-Dec-2023 19:06:14
13	3.48	g/dl	L	02-Dec-2023 20:04:18	31583	02-Dec-2023 19:06:14
14	3.47	g/dl	L	02-Dec-2023 20:04:00	31582	02-Dec-2023 19:06:14
15	3.48	g/dl	L	02-Dec-2023 20:03:42	31581	02-Dec-2023 19:06:14
16	3.48	g/dl	L	02-Dec-2023 20:03:23	31580	02-Dec-2023 19:06:14
17	3.48	g/dl	L	02-Dec-2023 20:03:06	31579	02-Dec-2023 19:06:14
18	3.48	g/dl	L	02-Dec-2023 20:02:48	31578	02-Dec-2023 19:06:14
19	3.49	g/dl	L	02-Dec-2023 20:02:29	31577	02-Dec-2023 19:06:14
20	3.48	g/dl	L	02-Dec-2023 20:02:11	31576	02-Dec-2023 19:06:14

Test Statistics

Test	ALBD	*Report Type*	*Patients*
Date From	02-Dec-2023	Date To	02-Dec-2023

Sample ID	PRECESSION L2	Patient Name	-	Age	-

Sr#	Result	Unit	Flag	Result Date	Curve #	Used Calibration
1	5.01	g/dl	-	02-Dec-2023 19:37:49	31495	02-Dec-2023 19:06:14
2	5.00	g/dl	-	02-Dec-2023 19:37:31	31494	02-Dec-2023 19:06:14
3	5.01	g/dl	-	02-Dec-2023 19:37:13	31493	02-Dec-2023 19:06:14
4	5.01	g/dl	-	02-Dec-2023 19:36:55	31492	02-Dec-2023 19:06:14
5	5.01	g/dl	-	02-Dec-2023 19:36:37	31491	02-Dec-2023 19:06:14
6	5.00	g/dl	-	02-Dec-2023 19:36:19	31490	02-Dec-2023 19:06:14
7	5.04	g/dl	-	02-Dec-2023 19:36:01	31489	02-Dec-2023 19:06:14
8	5.01	g/dl	-	02-Dec-2023 19:35:43	31488	02-Dec-2023 19:06:14
9	5.03	g/dl	-	02-Dec-2023 19:35:25	31487	02-Dec-2023 19:06:14
10	5.01	g/dl	-	02-Dec-2023 19:35:07	31486	02-Dec-2023 19:06:14
11	5.00	g/dl	-	02-Dec-2023 19:34:49	31485	02-Dec-2023 19:06:14
12	4.98	g/dl	-	02-Dec-2023 19:34:31	31484	02-Dec-2023 19:06:14
13	5.01	g/dl	-	02-Dec-2023 19:34:12	31483	02-Dec-2023 19:06:14
14	4.99	g/dl	-	02-Dec-2023 19:33:55	31482	02-Dec-2023 19:06:14
15	5.03	g/dl	-	02-Dec-2023 19:33:36	31481	02-Dec-2023 19:06:14
16	5.01	g/dl	-	02-Dec-2023 19:33:19	31480	02-Dec-2023 19:06:14
17	5.03	g/dl	-	02-Dec-2023 19:33:00	31479	02-Dec-2023 19:06:14
18	5.02	g/dl	-	02-Dec-2023 19:32:42	31478	02-Dec-2023 19:06:14
19	5.05	g/dl	-	02-Dec-2023 19:32:24	31477	02-Dec-2023 19:06:14
20	5.05	g/dl	-	02-Dec-2023 19:32:06	31476	02-Dec-2023 19:06:14

Test Statistics

Test	ALBD	*Report Type*	*Patients*
Date From	02-Dec-2023	Date To	02-Dec-2023

Computed Ranges And Statistical Values

Reference Range	20
Above Reference Range	0
Below Reference Range	0
Default Range	0
Total Test(s)	20

Sr# From 1 To 20

N	20
Mean	5.02
SD	0.02
%CV	0.37
Range	0.07

Test Statistics

Test	ALBD	*Report Type*	*Patents*
Date From	02-Dec-2023	Date To	02-Dec-2023

Computed Ranges And Statistical Values

Reference Range	1
Above Reference Range	0
Below Reference Range	19
Default Range	0
Total Test(s)	20

Sr# From 1 To 20

N	20
Mean	3.48
SD	0.01
%CV	0.29
Range	0.04

Test Statistics

Test	CRENZ	*Report Type*	*Patients*
Date From	02-Dec-2023	Date To	02-Dec-2023

Sample ID	PRECESSION L1	Patient Name	-	Age	-

Sr#	Result	Unit	Flag	Result Date	Curve #	Used Calibration
1	0.90	mg/dl	-	02-Dec-2023 19:55:52	31555	02-Dec-2023 19:01:25
2	0.90	mg/dl	-	02-Dec-2023 19:55:34	31554	02-Dec-2023 19:01:25
3	0.91	mg/dl	-	02-Dec-2023 19:55:16	31553	02-Dec-2023 19:01:25
4	0.91	mg/dl	-	02-Dec-2023 19:54:58	31552	02-Dec-2023 19:01:25
5	0.89	mg/dl	-	02-Dec-2023 19:54:40	31551	02-Dec-2023 19:01:25
6	0.90	mg/dl	-	02-Dec-2023 19:54:22	31550	02-Dec-2023 19:01:25
7	0.90	mg/dl	-	02-Dec-2023 19:54:04	31549	02-Dec-2023 19:01:25
8	0.90	mg/dl	-	02-Dec-2023 19:53:46	31548	02-Dec-2023 19:01:25
9	0.87	mg/dl	-	02-Dec-2023 19:53:28	31547	02-Dec-2023 19:01:25
10	0.95	mg/dl	-	02-Dec-2023 19:53:10	31546	02-Dec-2023 19:01:25
11	0.93	mg/dl	-	02-Dec-2023 19:52:52	31545	02-Dec-2023 19:01:25
12	0.90	mg/dl	-	02-Dec-2023 19:52:34	31544	02-Dec-2023 19:01:25
13	0.91	mg/dl	-	02-Dec-2023 19:52:16	31543	02-Dec-2023 19:01:25
14	0.94	mg/dl	-	02-Dec-2023 19:51:58	31542	02-Dec-2023 19:01:25
15	0.87	mg/dl	-	02-Dec-2023 19:51:39	31541	02-Dec-2023 19:01:25
16	0.91	mg/dl	-	02-Dec-2023 19:51:21	31540	02-Dec-2023 19:01:25
17	0.93	mg/dl	-	02-Dec-2023 19:51:03	31539	02-Dec-2023 19:01:25
18	0.93	mg/dl	-	02-Dec-2023 19:50:45	31538	02-Dec-2023 19:01:25
19	0.89	mg/dl	-	02-Dec-2023 19:50:27	31537	02-Dec-2023 19:01:25
20	0.89	mg/dl	-	02-Dec-2023 19:50:09	31536	02-Dec-2023 19:01:25

Test Statistics

Test	CRENZ	*Report Type*	*Patients*
Date From	02-Dec-2023	Date To	02-Dec-2023

Sample ID	PRECESSION L2	Patient Name	-	Age	-

Sr#	Result	Unit	Flag	Result Date	Curve #	Used Calibration
1	3.70	mg/dl	H	02-Dec-2023 19:25:47	31455	02-Dec-2023 19:01:25
2	3.68	mg/dl	H	02-Dec-2023 19:25:29	31454	02-Dec-2023 19:01:25
3	3.71	mg/dl	H	02-Dec-2023 19:25:11	31453	02-Dec-2023 19:01:25
4	3.73	mg/dl	H	02-Dec-2023 19:24:53	31452	02-Dec-2023 19:01:25
5	3.64	mg/dl	H	02-Dec-2023 19:24:35	31451	02-Dec-2023 19:01:25
6	3.70	mg/dl	H	02-Dec-2023 19:24:17	31450	02-Dec-2023 19:01:25
7	3.69	mg/dl	H	02-Dec-2023 19:23:59	31449	02-Dec-2023 19:01:25
8	3.69	mg/dl	H	02-Dec-2023 19:23:41	31448	02-Dec-2023 19:01:25
9	3.72	mg/dl	H	02-Dec-2023 19:23:23	31447	02-Dec-2023 19:01:25
10	3.68	mg/dl	H	02-Dec-2023 19:23:04	31446	02-Dec-2023 19:01:25
11	3.68	mg/dl	H	02-Dec-2023 19:22:46	31445	02-Dec-2023 19:01:25
12	3.72	mg/dl	H	02-Dec-2023 19:22:28	31444	02-Dec-2023 19:01:25
13	3.72	mg/dl	H	02-Dec-2023 19:22:11	31443	02-Dec-2023 19:01:25
14	3.72	mg/dl	H	02-Dec-2023 19:21:52	31442	02-Dec-2023 19:01:25
15	3.70	mg/dl	H	02-Dec-2023 19:21:34	31441	02-Dec-2023 19:01:25
16	3.64	mg/dl	H	02-Dec-2023 19:21:16	31440	02-Dec-2023 19:01:25
17	3.72	mg/dl	H	02-Dec-2023 19:20:58	31439	02-Dec-2023 19:01:25
18	3.66	mg/dl	H	02-Dec-2023 19:20:40	31438	02-Dec-2023 19:01:25
19	3.65	mg/dl	H	02-Dec-2023 19:20:22	31437	02-Dec-2023 19:01:25
20	3.66	mg/dl	H	02-Dec-2023 19:20:04	31436	02-Dec-2023 19:01:25

Test Statistics

Test	CRENZ	*Report Type*	*Patients*
Date From	02-Dec-2023	Date To	02-Dec-2023

Computed Ranges And Statistical Values

Reference Range	0
Above Reference Range	20
Below Reference Range	0
Default Range	0
Total Test(s)	20

Sr# From 1 To 20

N	20
Mean	3.69
SD	0.03
%CV	0.77
Range	0.09

Test Statistics

Test	CRENZ	*Report Type*	*Patients*
Date From	02-Dec-2023	Date To	02-Dec-2023

Computed Ranges And Statistical Values

Reference Range	20
Above Reference Range	0
Below Reference Range	0
Default Range	0
Total Test(s)	20

Sr# From 1 To 20

N	20
Mean	0.91
SD	0.02
%CV	2.33
Range	0.08

Result Reprint

Report Type :Patients

Sr #	Sample ID	Test	Result	Unit	Flag	Curve #	Result Date
1	Linearty Check	SGOTD	120.9	U/L	H	33769	18-Dec-2023 16:26:09
2	Linearty Check	UREA	99.8	mg/dl	H	33770	18-Dec-2023 16:26:26
3	Linearty Check	CRENZ	3.80	mg/dl	H	33771	18-Dec-2023 16:26:44
4	Linearty Check	CHOL	251	mg/dl	H	33772	18-Dec-2023 16:27:02
5	Linearty Check	ALBD	5.15	g/dl		33773	18-Dec-2023 16:27:20
6	Linearty Check1	SGOTD	59.1	U/L	H	33774	18-Dec-2023 16:27:38
7	Linearty Check1	UREA	49.3	mg/dl		33775	18-Dec-2023 16:27:57
8	Linearty Check1	CRENZ	1.87	mg/dl	H	33776	18-Dec-2023 16:28:15
9	Linearty Check1	CHOL	126	mg/dl		33777	18-Dec-2023 16:28:33
10	Linearty Check1	ALBD	2.98	g/dl	L	33778	18-Dec-2023 16:28:51
11	Linearty Check2	SGOTD	31.6	U/L		33779	18-Dec-2023 16:29:09
12	Linearty Check2	UREA	24.9	mg/dl		33780	18-Dec-2023 16:29:27
13	Linearty Check2	CRENZ	0.93	mg/dl		33781	18-Dec-2023 16:29:45
14	Linearty Check2	CHOL	67	mg/dl		33782	18-Dec-2023 16:30:03
15	Linearty Check2	ALBD	1.66	g/dl	L	33783	18-Dec-2023 16:30:21
16	Linearty Check3	SGOTD	17.1	U/L		33784	18-Dec-2023 16:30:39
17	Linearty Check3	UREA	13.5	mg/dl	L	33785	18-Dec-2023 16:30:57
18	Linearty Check3	CRENZ	0.36	mg/dl	L	33786	18-Dec-2023 16:31:15
19	Linearty Check3	CHOL	36	mg/dl		33787	18-Dec-2023 16:31:33
20	Linearty Check3	ALBD	0.89	g/dl	L	33788	18-Dec-2023 16:31:51
21	Linearty Check4	SGOTD	9.2	U/L		33789	18-Dec-2023 16:32:10
22	Linearty Check4	UREA	NA	mg/dl	TEC-L	33790	18-Dec-2023 16:32:27
23	Linearty Check4	CRENZ	0.15	mg/dl	L	33791	18-Dec-2023 16:32:46
24	Linearty Check4	CHOL	20	mg/dl		33792	18-Dec-2023 16:33:04
25	Linearty Check4	ALBD	0.47	g/dl	L	33793	18-Dec-2023 16:33:22
26	Linearty Check5	SGOTD	4.7	U/L		33794	18-Dec-2023 16:33:40

Result Reprint

Report Type :Patients

Sr #	Sample ID	Test	Result	Unit	Flag	Curve #	Result Date
27	Linearty Check5	UREA	NA	mg/dl	TEC-L	33795	18-Dec-2023 16:33:58
28	Linearty Check5	CRENZ	NA	mg/dl	TEC-L	33796	18-Dec-2023 16:34:16
29	Linearty Check5	CHOL	12	mg/dl		33797	18-Dec-2023 16:34:34
30	Linearty Check5	ALBD	0.26	g/dl	L	33798	18-Dec-2023 16:34:52

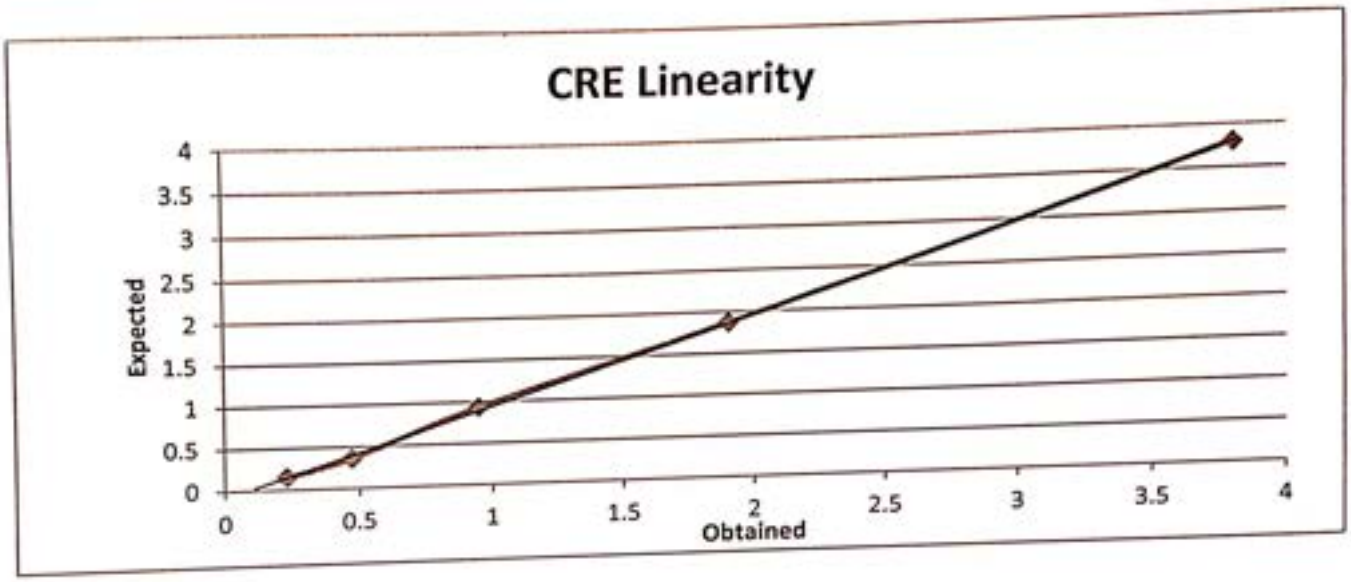
Print Date 18-Dec-2023

Institution: UNITY GASTROCARE & DIAGNOSTICS CENTRE

Name of the Technical person: PRASENJIT DAS

Date performed: 18.12.2023

Instrument Name : EM 200	SL No : S200149	Test Name : CREATININE
CREATININE	Expected	Obtained
Neat	3.8	3.8
1/2 DILUTION	1.9	1.87
1/4 DILUTION	0.95	0.93
1/8 DILUTION	0.47	0.36
1/16 DILUTION	0.23	0.15
1/32 DILUTION	0.11	

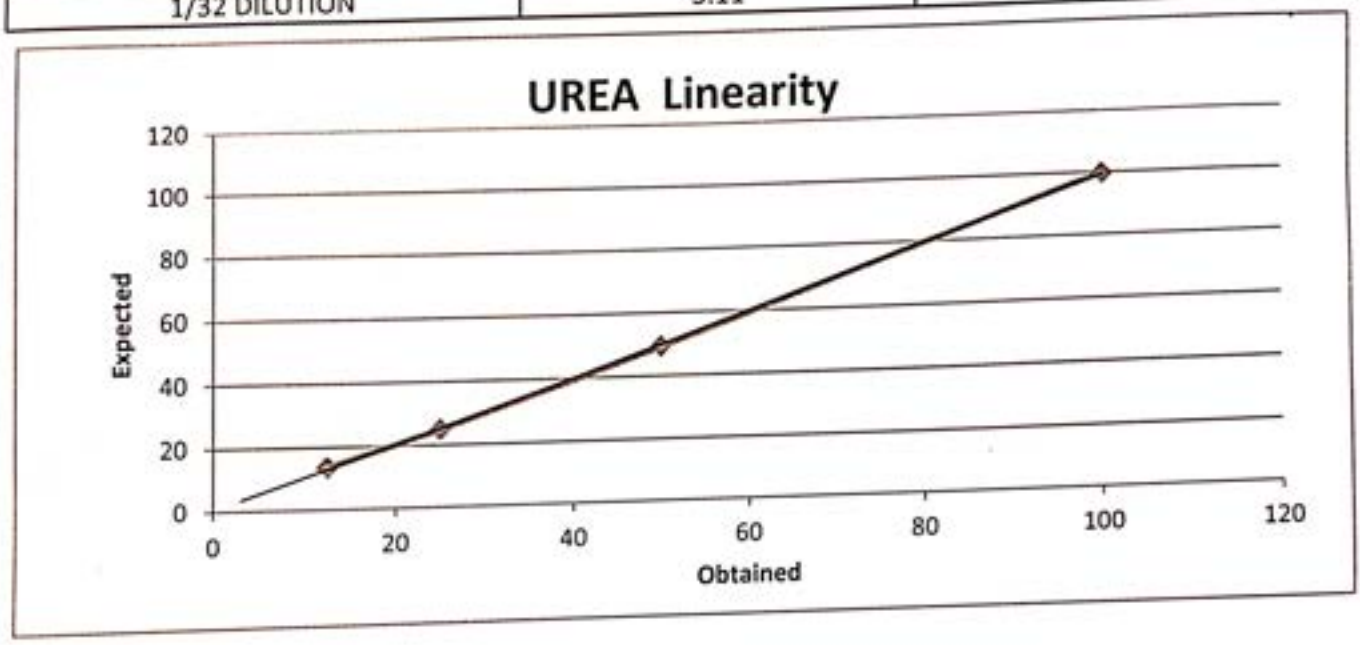


Institution: UNITY GASTROCARE & DIAGNOSTICS CENTRE

Name of the Technical person: PRASENJIT DAS

Date performed: 18.12.2023

Instrument Name : EM 200	SL No : S200149	Test Name : UREA
UREA	Expected	Obtained
Neat	99.8	99.8
1/2 DILUTION	49.9	49.3
1/4 DILUTION	24.95	24.9
1/8 DILUTION	12.47	13.5
1/16 DILUTION	6.23	
1/32 DILUTION	3.11	

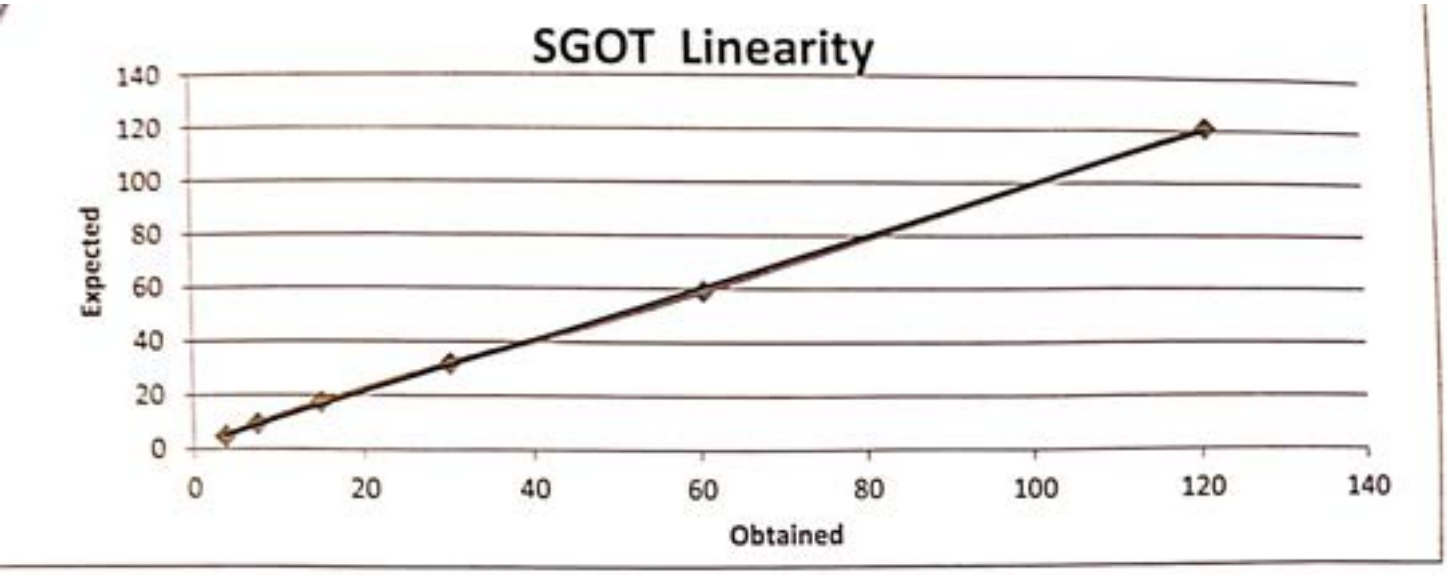


Institution: UNITY GASTROCARE & DIAGNOSTICS CENTRE

Name of the Technical person: PRASENJIT DAS

Date performed: 18.12.2023

Instrument Name : EM 200	SL No : S200149	Test Name : SGOT
SGOT	Expected	Obtained
Neat	120.9	120.9
1/2 DILUTION	60.45	59.1
1/4 DILUTION	30.22	31.6
1/8 DILUTION	15.11	17.1
1/16 DILUTION	7.55	9.2
1/32 DILUTION	3.77	4.7

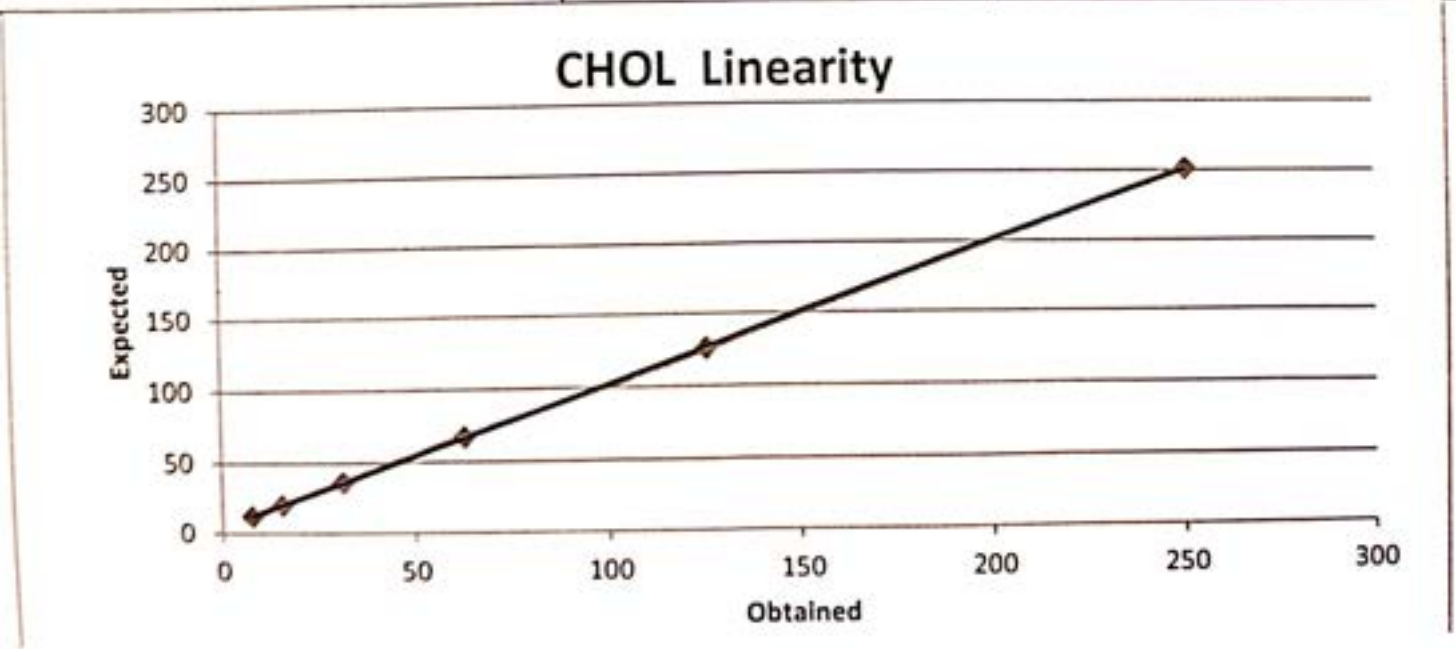


Institution: UNITY GASTROCARE & DIAGNOSTICS CENTRE

Name of the Technical person: PRASENJIT DAS

Date performed: 18.12.2023

Instrument Name: EM 200	SL No : S200149	Test Name : CHOL
CHOL	Expected	Obtained
Neat	251	251
1/2 DILUTION	125.5	126
1/4 DILUTION	62.75	67
1/8 DILUTION	31.37	36
1/16 DILUTION	15.68	20
1/32 DILUTION	7.84	12

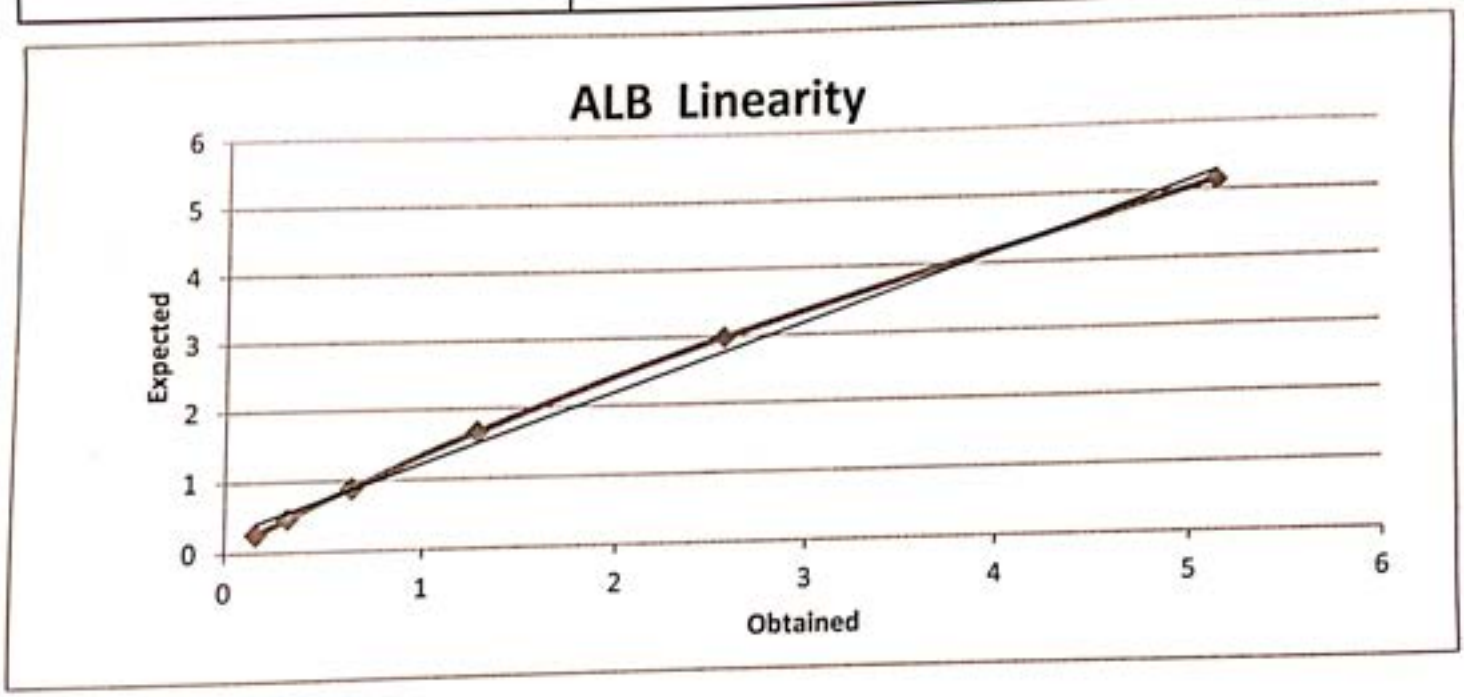


Institution: UNITY GASTROCARE & DIAGNOSTICS CENTRE

Name of the Technical person: PRASENJIT DAS

Date performed: 18.12.2023

Instrument Model : EM 200	SN No : S200149	Test : ALB
ALB	Expected	Obtained
Neat	5.15	5.15
1/2 DILUTION	2.57	2.98
1/4 DILUTION	1.28	1.66
1/8 DILUTION	0.64	0.89
1/16 DILUTION	0.32	0.47
1/32 DILUTION	0.16	0.26



Test Statistics

Test	UREA	*Report Type*	*Patients*
Date From	02-Dec-2023	Date To	02-Dec-2023

Sample ID PRECESSION L1 Patient Name - Age -

S#	Result	Unit	Flag	Result Date	Curve #	Used Calibration
1	35.0	mg/dl	-	02-Dec-2023 19:49:51	31535	02-Dec-2023 18:59:00
2	34.9	mg/dl	-	02-Dec-2023 19:49:33	31534	02-Dec-2023 18:59:00
3	35.1	mg/dl	-	02-Dec-2023 19:49:15	31533	02-Dec-2023 18:59:00
4	35.7	mg/dl	-	02-Dec-2023 19:48:57	31532	02-Dec-2023 18:59:00
5	35.5	mg/dl	-	02-Dec-2023 19:48:39	31531	02-Dec-2023 18:59:00
6	35.3	mg/dl	-	02-Dec-2023 19:48:21	31530	02-Dec-2023 18:59:00
7	35.4	mg/dl	-	02-Dec-2023 19:48:03	31529	02-Dec-2023 18:59:00
8	35.2	mg/dl	-	02-Dec-2023 19:47:45	31528	02-Dec-2023 18:59:00
9	35.2	mg/dl	-	02-Dec-2023 19:47:27	31527	02-Dec-2023 18:59:00
10	35.5	mg/dl	-	02-Dec-2023 19:47:09	31526	02-Dec-2023 18:59:00
11	35.4	mg/dl	-	02-Dec-2023 19:46:51	31525	02-Dec-2023 18:59:00
12	35.2	mg/dl	-	02-Dec-2023 19:46:33	31524	02-Dec-2023 18:59:00
13	35.5	mg/dl	-	02-Dec-2023 19:46:14	31523	02-Dec-2023 18:59:00
14	34.9	mg/dl	-	02-Dec-2023 19:45:56	31522	02-Dec-2023 18:59:00
15	35.0	mg/dl	-	02-Dec-2023 19:45:38	31521	02-Dec-2023 18:59:00
16	35.5	mg/dl	-	02-Dec-2023 19:45:20	31520	02-Dec-2023 18:59:00
17	36.0	mg/dl	-	02-Dec-2023 19:45:02	31519	02-Dec-2023 18:59:00
18	35.1	mg/dl	-	02-Dec-2023 19:44:44	31518	02-Dec-2023 18:59:00
19	36.0	mg/dl	-	02-Dec-2023 19:44:26	31517	02-Dec-2023 18:59:00
20	35.2	mg/dl	-	02-Dec-2023 19:44:08	31516	02-Dec-2023 18:59:00

Test Statistics

Test	UREA	*Report Type*	*Patients*
Date From	02-Dec-2023	Date To	02-Dec-2023

Computed Ranges And Statistical Values

Reference Range	20
Above Reference Range	0
Below Reference Range	0
Default Range	0
Total Test(s)	20

Sr# From 1 To 20

N	20
Mean	35.3
SD	0.32
%CV	0.90
Range	1.1

Test Statistics

Test	UREA	*Report Type*	*Patients*
Date From	02-Dec-2023	Date To	02-Dec-2023

Sample ID PRECESSION L2 Patient Name - Age -

Sr#	Result	Unit	Flag	Result Date	Curve #	Used Calibration
1	101.4	mg/dl	H	02-Dec-2023 19:19:46	31435	02-Dec-2023 18:59:00
2	101.6	mg/dl	H	02-Dec-2023 19:19:28	31434	02-Dec-2023 18:59:00
3	101.1	mg/dl	H	02-Dec-2023 19:19:10	31433	02-Dec-2023 18:59:00
4	101.6	mg/dl	H	02-Dec-2023 19:18:52	31432	02-Dec-2023 18:59:00
5	101.3	mg/dl	H	02-Dec-2023 19:18:34	31431	02-Dec-2023 18:59:00
6	102.2	mg/dl	H	02-Dec-2023 19:18:16	31430	02-Dec-2023 18:59:00
7	100.8	mg/dl	H	02-Dec-2023 19:17:58	31429	02-Dec-2023 18:59:00
8	101.4	mg/dl	H	02-Dec-2023 19:17:40	31428	02-Dec-2023 18:59:00
9	102.4	mg/dl	H	02-Dec-2023 19:17:22	31427	02-Dec-2023 18:59:00
10	103.2	mg/dl	H	02-Dec-2023 19:17:04	31426	02-Dec-2023 18:59:00
11	101.7	mg/dl	H	02-Dec-2023 19:16:46	31425	02-Dec-2023 18:59:00
12	102.2	mg/dl	H	02-Dec-2023 19:16:27	31424	02-Dec-2023 18:59:00
13	101.8	mg/dl	H	02-Dec-2023 19:16:09	31423	02-Dec-2023 18:59:00
14	102.7	mg/dl	H	02-Dec-2023 19:15:51	31422	02-Dec-2023 18:59:00
15	102.6	mg/dl	H	02-Dec-2023 19:15:33	31421	02-Dec-2023 18:59:00
16	101.6	mg/dl	H	02-Dec-2023 19:15:15	31420	02-Dec-2023 18:59:00
17	102.6	mg/dl	H	02-Dec-2023 19:14:57	31419	02-Dec-2023 18:59:00
18	102.2	mg/dl	H	02-Dec-2023 19:14:39	31418	02-Dec-2023 18:59:00
19	101.5	mg/dl	H	02-Dec-2023 19:14:21	31417	02-Dec-2023 18:59:00
20	101.8	mg/dl	H	02-Dec-2023 19:14:03	31416	02-Dec-2023 18:59:00

Test Statistics

Test	UREA	*Report Type*	*Patients*
Date From	02-Dec-2023	Date To	02-Dec-2023

Computed Ranges And Statistical Values

Reference Range	0
Above Reference Range	20
Below Reference Range	0
Default Range	0
Total Test(s)	20

Sr# From 1 To 20

N	20
Mean	101.9
SD	0.61
%CV	0.60
Range	2.4

Test Statistics

Test	SGOTD	*Report Type*	*Patients*
Date From	02-Dec-2023	Date To	02-Dec-2023

Sample ID PRECESSION L2 Patient Name - Age -

Sr#	Result	Unit	Flag	Result Date	Curve #	Used Calibration
1	123.8	U/L	H	02-Dec-2023 19:13:45	31415	02-Dec-2023 18:56:36
2	125.5	U/L	H	02-Dec-2023 19:13:27	31414	02-Dec-2023 18:56:36
3	122.1	U/L	H	02-Dec-2023 19:13:09	31413	02-Dec-2023 18:56:36
4	122.8	U/L	H	02-Dec-2023 19:12:51	31412	02-Dec-2023 18:56:36
5	123.5	U/L	H	02-Dec-2023 19:12:33	31411	02-Dec-2023 18:56:36
6	122.6	U/L	H	02-Dec-2023 19:12:15	31410	02-Dec-2023 18:56:36
7	121.6	U/L	H	02-Dec-2023 19:11:57	31409	02-Dec-2023 18:56:36
8	123.3	U/L	H	02-Dec-2023 19:11:39	31408	02-Dec-2023 18:56:36
9	122.6	U/L	H	02-Dec-2023 19:11:21	31407	02-Dec-2023 18:56:36
10	121.2	U/L	H	02-Dec-2023 19:11:02	31406	02-Dec-2023 18:56:36
11	123.1	U/L	H	02-Dec-2023 19:10:44	31405	02-Dec-2023 18:56:36
12	120.9	U/L	H	02-Dec-2023 19:10:26	31404	02-Dec-2023 18:56:36
13	122.1	U/L	H	02-Dec-2023 19:10:08	31403	02-Dec-2023 18:56:36
14	122.4	U/L	H	02-Dec-2023 19:09:50	31402	02-Dec-2023 18:56:36
15	121.9	U/L	H	02-Dec-2023 19:09:32	31401	02-Dec-2023 18:56:36
16	122.4	U/L	H	02-Dec-2023 19:09:14	31400	02-Dec-2023 18:56:36
17	122.6	U/L	H	02-Dec-2023 19:08:56	31399	02-Dec-2023 18:56:36
18	121.4	U/L	H	02-Dec-2023 19:08:38	31398	02-Dec-2023 18:56:36
19	121.4	U/L	H	02-Dec-2023 19:08:20	31397	02-Dec-2023 18:56:36
20	123.1	U/L	H	02-Dec-2023 19:08:02	31396	02-Dec-2023 18:56:36

Test Statistics

Test	SGOTD	*Report Type*	*Patients*
Date From	02-Dec-2023	Date To	02-Dec-2023

Computed Ranges And Statistical Values

Reference Range	0
Above Reference Range	20
Below Reference Range	0
Default Range	0
Total Test(s)	20

Sr# From 1 To 20

N	20
Mean	122.5
SD	1.06
%CV	0.87
Range	4.6

Test Statistics

Test	SGOTD	*Report Type*	*Patients*
Date From	02-Dec-2023	Date To	02-Dec-2023

Sample ID PRECESSION L1 Patient Name - Age -

Sr#	Result	Unit	Flag	Result Date	Curve #	Used Calibration
1	33.3	U/L	-	02-Dec-2023 19:43:50	31515	02-Dec-2023 18:56:36
2	33.3	U/L	-	02-Dec-2023 19:43:32	31514	02-Dec-2023 18:56:36
3	33.5	U/L	-	02-Dec-2023 19:43:14	31513	02-Dec-2023 18:56:36
4	34.0	U/L	-	02-Dec-2023 19:42:56	31512	02-Dec-2023 18:56:36
5	34.0	U/L	-	02-Dec-2023 19:42:38	31511	02-Dec-2023 18:56:36
6	33.8	U/L	-	02-Dec-2023 19:42:20	31510	02-Dec-2023 18:56:36
7	33.8	U/L	-	02-Dec-2023 19:42:02	31509	02-Dec-2023 18:56:36
8	33.1	U/L	-	02-Dec-2023 19:41:44	31508	02-Dec-2023 18:56:36
9	32.8	U/L	-	02-Dec-2023 19:41:26	31507	02-Dec-2023 18:56:36
10	33.5	U/L	-	02-Dec-2023 19:41:08	31506	02-Dec-2023 18:56:36
11	33.5	U/L	-	02-Dec-2023 19:40:50	31505	02-Dec-2023 18:56:36
12	34.7	U/L	-	02-Dec-2023 19:40:32	31504	02-Dec-2023 18:56:36
13	34.0	U/L	-	02-Dec-2023 19:40:14	31503	02-Dec-2023 18:56:36
14	33.1	U/L	-	02-Dec-2023 19:39:56	31502	02-Dec-2023 18:56:36
15	33.3	U/L	-	02-Dec-2023 19:39:37	31501	02-Dec-2023 18:56:36
16	32.8	U/L	-	02-Dec-2023 19:39:19	31500	02-Dec-2023 18:56:36
17	33.5	U/L	-	02-Dec-2023 19:39:01	31499	02-Dec-2023 18:56:36
18	33.1	U/L	-	02-Dec-2023 19:38:43	31498	02-Dec-2023 18:56:36
19	33.1	U/L	-	02-Dec-2023 19:38:25	31497	02-Dec-2023 18:56:36
20	33.3	U/L	-	02-Dec-2023 19:38:07	31496	02-Dec-2023 18:56:36

Sample ID PRECESSION L2 Patient Name - Age -

Sr#	Result	Unit	Flag	Result Date	Curve #	Used Calibration
1	123.8	U/L	H	02-Dec-2023 19:13:45	31415	02-Dec-2023 18:56:36

Test Statistics

Test SGOTD *Report Type* *Patients*

Date From 02-Dec-2023 Date To 02-Dec-2023

2	125.5 U/L	H	02-Dec-2023 19:13:27	31414	02-Dec-2023 18:56:36
3	122.1 U/L	H	02-Dec-2023 19:13:09	31413	02-Dec-2023 18:56:36
4	122.8 U/L	H	02-Dec-2023 19:12:51	31412	02-Dec-2023 18:56:36
5	123.5 U/L	H	02-Dec-2023 19:12:33	31411	02-Dec-2023 18:56:36
6	122.6 U/L	H	02-Dec-2023 19:12:15	31410	02-Dec-2023 18:56:36
7	121.6 U/L	H	02-Dec-2023 19:11:57	31409	02-Dec-2023 18:56:36
8	123.3 U/L	H	02-Dec-2023 19:11:39	31408	02-Dec-2023 18:56:36
9	122.6 U/L	H	02-Dec-2023 19:11:21	31407	02-Dec-2023 18:56:36
10	121.2 U/L	H	02-Dec-2023 19:11:02	31406	02-Dec-2023 18:56:36
11	123.1 U/L	H	02-Dec-2023 19:10:44	31405	02-Dec-2023 18:56:36
12	120.9 U/L	H	02-Dec-2023 19:10:26	31404	02-Dec-2023 18:56:36
13	122.1 U/L	H	02-Dec-2023 19:10:08	31403	02-Dec-2023 18:56:36
14	122.4 U/L	H	02-Dec-2023 19:09:50	31402	02-Dec-2023 18:56:36
15	121.9 U/L	H	02-Dec-2023 19:09:32	31401	02-Dec-2023 18:56:36
16	122.4 U/L	H	02-Dec-2023 19:09:14	31400	02-Dec-2023 18:56:36
17	122.6 U/L	H	02-Dec-2023 19:08:56	31399	02-Dec-2023 18:56:36
18	121.4 U/L	H	02-Dec-2023 19:08:38	31398	02-Dec-2023 18:56:36
19	121.4 U/L	H	02-Dec-2023 19:08:20	31397	02-Dec-2023 18:56:36
20	123.1 U/L	H	02-Dec-2023 19:08:02	31396	02-Dec-2023 18:56:36

Sample ID manika27 Patient Name - Age -

Sr#	Result	Unit	Flag	Result Date	Curve #	Used Calibration
1	47.5	U/L	H	02-Dec-2023 14:01:52	31345	27-Nov-2023 11:03:58

Sample ID gouranga25 Patient Name - Age -

Sr#	Result	Unit	Flag	Result Date	Curve #	Used Calibration
1	20.4	U/L	-	02-Dec-2023 11:23:41	31337	27-Nov-2023 11:03:58

Test Statistics

Test SGOTD *Report Type* *Patients*

Date From 02-Dec-2023 Date To 02-Dec-2023

Sample ID sucha24 Patient Name - Age -

Sr#	Result	Unit	Flag	Result Date	Curve #	Used Calibration
1	19.6	U/L	-	02-Dec-2023 11:19:46	31324	27-Nov-2023 11:03:58

Sample ID sima21 Patient Name - Age -

Sr#	Result	Unit	Flag	Result Date	Curve #	Used Calibration
1	27.5	U/L	-	02-Dec-2023 11:17:03	31315	27-Nov-2023 11:03:58

Sample ID sabita20 Patient Name - Age -

Sr#	Result	Unit	Flag	Result Date	Curve #	Used Calibration
1	29.4	U/L	-	02-Dec-2023 11:11:20	31297	27-Nov-2023 11:03:58

Sample ID prasanta12 Patient Name - Age -

Sr#	Result	Unit	Flag	Result Date	Curve #	Used Calibration
1	24.4	U/L	-	02-Dec-2023 11:07:08	31283	27-Nov-2023 11:03:58

Sample ID prisk11 Patient Name - Age -

Sr#	Result	Unit	Flag	Result Date	Curve #	Used Calibration
1	86.6	U/L	H	02-Dec-2023 11:04:43	31275	27-Nov-2023 11:03:58

Sample ID ratan6 Patient Name - Age -

Sr#	Result	Unit	Flag	Result Date	Curve #	Used Calibration
1	20.6	U/L	-	02-Dec-2023 11:01:07	31263	27-Nov-2023 11:03:58

Sample ID kabir4 Patient Name - Age -

Sr#	Result	Unit	Flag	Result Date	Curve #	Used Calibration
1	31.8	U/L	-	02-Dec-2023 10:57:48	31252	27-Nov-2023 11:03:58

Test Statistics

Test	SGOTD	*Report Type*	*Patients*
Date From	02-Dec-2023	Date To	02-Dec-2023

Sample ID puja3 Patient Name - Age -

Sr#	Result	Unit	Flag	Result Date	Curve #	Used Calibration
1	15.8	U/L	-	02-Dec-2023 10:55:06	31243	27-Nov-2023 11:03:58

Sample ID krishna2 Patient Name - Age -

Sr#	Result	Unit	Flag	Result Date	Curve #	Used Calibration
1	52.0	U/L	H	02-Dec-2023 10:52:41	31235	27-Nov-2023 11:03:58

Sample ID nasir1 Patient Name - Age -

Sr#	Result	Unit	Flag	Result Date	Curve #	Used Calibration
1	22.5	U/L	-	02-Dec-2023 10:49:05	31223	27-Nov-2023 11:03:58

Computed Ranges And Statistical Values

Reference Range	29
Above Reference Range	23
Below Reference Range	0
Default Range	0
Total Test(s)	52

Sr# From 1 To 52

N	52
Mean	67.7
SD	44.79
%CV	66.21
Range	109.7