

# **BS240Pro**

## **Automated Clinical Chemistry Analyzer**



### **Qualification Manual:**

**Installation Qualification/Operation Qualification/Performance Qualification**

*IQ/OQ/PQ-BS240 Pro*



## **INSTALLATION QUALIFICATION**

### **INSTRUCTIONS:**

1. This document is to be completed at the time the system is unpacked and set up for operation.
2. An authorized Mindray representative will check out each module and verify the alignment.
3. All deviations from normal specification to include any problems with installation will be noted in the comments section.
4. This document contains proprietary information and is in no way to be copied, photographed or duplicated in any way without expressed written authorization by Mindray.

### **INSTALLATION QUALIFICATION PROTOCOL:**

This Installation Qualification protocol will be performed on the instrument installed at,

**S S PATH CARE PVT LTD**  
**SAGAR**

This protocol will define the documentation that will be used to evaluate the instrument documented in accordance with manufacture's specifications and identified use.

Installation checks will be performed to verify that the instrumentation has been installed with proper connections and utilities.

Any exceptional conditions encountered during the qualification studies will be identified for review. Exceptional conditions will be investigated & appropriate course of action will be determined.



**CERTIFICATION OF INSTALLATION-REPORT**

**SYSTEM CERTIFICATION:**

Study data has determined that the system described in this document meets all criteria outlined in this Installation. Qualification protocol, or exceptional conditions have been identified and documentation included. Exceptional conditions if any have been addressed. The system is ready for specified usage.

Protocol performed by: **AVANTOR REPRESENTATIVE**

Name: Mr. Amol Patil

Title: Area Service Manager

Company: Avantor

Signature: 

Customer Authorization:

**S S PATH CARE PVT LTD**  
SAGAR

Signatur





**CERTIFICATION OF INSTALLATION-REPORT**

Analyzer Name: **BS240Pro**

Serial Number: **BC-7-18001329**

**CUSTOMER NAME & ADDRESS:**

**S S PATH CARE PVT LTD**  
**SAGAR**

The undersigned performer certifies that the Installation Qualification Protocol has been successfully completed for the instrument stated above.

Authorized Engineer,

Signature: 



Name: Mr. Amol Patil  
Designation: Area Service  
Manager Company: **Avantor**

*IQ/OQ/PQ-BS240 Pro*

## INSTALLATION VERIFICATION REPORT

This is to certify that the following checks mentioned in the installation verification protocol have been performed and found to be satisfactory.

1. PRE-INSTALLATION CHECK	REMARK
A) Carton arrival	Checked
B) Spare and accessibility	Checked & Cleared
C) Electrical input	Checked & Passed
D) Ambient temperature and Humidity	Passed
E) Ventilation	Passed
F) Drainage	NA
2. UNPACKING & INSTALLING THE CONSOLE	Passed
3. INSTALLING THE ELECTRICAL CABLES	Checked & Passed
4. UNPACKING & INSTALLING THE ANALYTICAL UNIT	Passed
5. SETTING THE ANALYTICAL UNIT	Success
6. ALIGNMENT VERIFICATION	Success

Mr. Amol Patil  	DR. SURYA DUBEY  Designation: M.D PATHOLOGY  
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**Installation Qualification Notes & Attachments:**

**OPERATIONAL QUALIFICATION**

**SYSTEM CERTIFICATION:**

Study date has determined that the system described in this document meets all criteria outlined in this Operational Qualification protocol. All exceptional conditions if any have been addressed. The system is ready for specified usage.

Protocol performed by: **AVANTOR REPRESENTATIVE**

Name: Mr. Amol Patil

Area Service Manager

Company: **AVANTOR**

Customer Authorization:

**S S PATH CARE PVT LTD**  
**SAGAR**

Authorized Engineer's Signature

Date: 08.06.2022



Customer's Signature

Date: 08.06.2022

**OPERATIONAL QUALIFICATION – SYSTEM VERIFICATION REPORT**

This is to certify that the following checks mentioned in the operational verification protocol have been performed and found to be satisfactory.

OPERATIONAL QUALIFICATION PROTOCOL	REMARKS
1] CHECKING THE ANALYTICAL UNIT	
A] SOFTWARE BOOTING & INITIALIZATION	Success
B] BASIC SYSTEM CHECKS & VERIFICATION	Verified
2] IMPORTING & CALIBRATING THE CHEMISTRIES	Success
3] RUNNING CONTROLS	Success
4] TRAINING THE OPERATORS	Completed

<p>Mr. Amol Patil</p> 	<p>DR. SURYA DUBEY</p> <p>Designation: M.D PATHOLOGY</p> 
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## **OPERATIONAL QUALIFICATION PROCEDURES**

The Operational Qualification procedure specifies the methodology for the installation of the specified system after successful Installation qualification. Successful completion of the specified protocols and is ready for operation and subsequent performance analysis.

### **OQ PROCEDURES:**

1. System software loading.
2. System Booting and Initialization
3. Basic System Checks.
4. Importing Chemistries & Calibrating Chemistries.
5. Running Controls.
6. Operators Training Schedule.

### **References:**

1. *Operation Manual – BS240 Pro*
2. *Service Manual – BS240 Pro*





**Operational Qualification Notes:**

**PERFORMANCE QUALIFICATION**

**SYSTEM CERTIFICATION:**

Study data has determined that the system described in this document meets all criteria outlined in this Performance Qualification protocol, or exceptional conditions have been identified and documentation included exceptional conditions, if any have been addressed. The system is ready for specified usage.

Protocol performed by: **AVANTOR REPRESENTATIVE**

Name: Viraj Kale  
Title: Manager-  
Technical IVD-  
Automation

Company: **AVANTOR**

Customer Authorization:

**SS PATH CARE PVT LTD**

**SAGAR**

Authorized Engineer's Signature

A handwritten signature in black ink, appearing to be 'F. C. ...', written over a light blue horizontal line.

Date 08.06.2022

*IQ/OQ/PQ-BS240 Pro*



Customer's Signature

A handwritten signature in black ink, appearing to be 'Sagar', written over a light blue horizontal line.

Date: 08.06.2022

**PERFORMANCEQUALIFICATIONVERIFICATIONREPORT**

This is to certify that the following checks mentioned in the performance verification protocol have been performed and found to be satisfactory.

<p>Viraj Kale</p> <p>Manager- Technical IVD- Automation</p> 	<p>DR. SURYA DUBEY</p> <p>Designation: M.D PATHOLOGY</p> <p>Signature: </p>
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## PERFORMANCE ANALYSIS

**Tests Validated** – Glucose, Urea, Creatinine, Total Cholesterol, Triglycerides, Total Protein, Uric Acid, SGPT, SGOT, Albumin, Total Bilirubin, Direct Bilirubin, Alkaline Phosphatase, LDH.

Analyzer Model & Serial No	<b>BS240 Pro &amp; BC-7-18001329</b>
Date of Validation	<b>08.06.2022</b>
Method	<b>Photometry</b>
Manufacturer	<b>Shenzhen Mindray Bio-Medical Electronics Co., Ltd</b>
Name of LABORATORIES	<b>S S PATH CARE PVT LTD</b>
Department	<b>LABORATORY</b>

### **Within run precision report protocol:**

20 replicates each of Randox chemistry control Level 3 analyzed on **BS 240 Pro** bearing the serial number **BC7-18001355** continuously to verify the precision

### **Summary:**

S.No	Parameter	Manufacturer's CV%	Observed CV%
1	Glucose (mg/dl)	< /= 3.0%	<b>1.1%</b>
2	Urea (mg/dl)	< /= 4.0%	<b>0.7%</b>
3	Creatinine (mg/dl)	< /= 3.0%	<b>0.9%</b>
4	Total Cholesterol (mg/dl)	< /= 3.0%	<b>0.0%</b>
5	Triglycerides (mg/dl)	< /= 3.0%	<b>0.6%</b>
6	Total Protein (g/dl)	< /= 3.0%	<b>0.8%</b>
7	Uric Acid (mg/dl)	< /= 3.0%	<b>0.3%</b>
8	SGPT (U/L)	< /= 3.5%	<b>0.9%</b>
9	SGOT (U/L)	< /= 3.5%	<b>0.5%</b>
10	Albumin (g/dl)	< /= 3.0%	<b>0.4%</b>
11	Total Bilirubin (mg/dl)	< /= 5.0%	<b>0.6%</b>
12	Direct Bilirubin (mg/dl)	< /= 4.0%	<b>0.8%</b>

### **Conclusion:**

Within run precision of the parameters involving the modes, endpoint & fixed-time kinetic with various sample volume, reagent volume, wavelengths were completed & tabulated.

The Percentage coefficient variation (CV %) of all the parameters obtained are well within the acceptable limits (Manufacturer's CV%) on **BS240 Pro**

**Reported By** - 

**Name** - Viraj

**Kale Designation** - Manager

**Technical Company** - Avantor

**Accuracy:**

Equipmentname& SerialNo	<b>BS-240Pro&amp;S. No:BC-7-18001329</b>
Validatedduring	<b>08.06.2022</b>
Method	<b>Photometryat37°C</b>
Manufacturer	<b>ShenzhenMindrayBio-MedicalElectronicsCo., Ltd</b>
NameofLaboratory/Hospital	<b>S S PATH CARE PVT LTD</b>
Department	<b>Laboratory</b>

**TESTSVALIDATED**–Glucose,Urea,Creatinine>TotalCholesterol,Triglycerides,SGOT,SGPT,  
Albumin, Total Protein, Albumin, Total Protein, Total Bilirubin,Direct  
Bilirubin,Calcium

**Accuracyprotocol:**

The accuracy of **BS-240 Pro- S. No: BC-7-18001329**been verified by analyzing Multi-Sera Calibrator **LOT No:150121008**.

S. No	Parameter	ValueObtained	CalibratorConcentration
1	Glucose(mg/dl)	191	190
2	Urea (mg/dl)	102	102
3	Creatinine(mg/dl)	4.05	4.53
4	TC(mg/dl)	160	164
5	TGL(mg/dl)	132	131
6	SGOT(U/L)	108	110
7	SGPT(U/L)	103	103
8	Ca(mg/dl)	11	10.57
9	UA(mg/dl)	5.80	5.76
10	Albumin(g/dl)	3.6	3.68
11	TP(g/dl)	5.70	5.82
12	T.BILI(mg/dl)	4.88	4.72
13	D.BILI(mg/dl)	2.57	2.75

**Conclusion**

**BC-7-18001329**has been verified by analyzing the Multi-Sera Calibrator the results obtainedwere satisfactory

**ReportedBy**

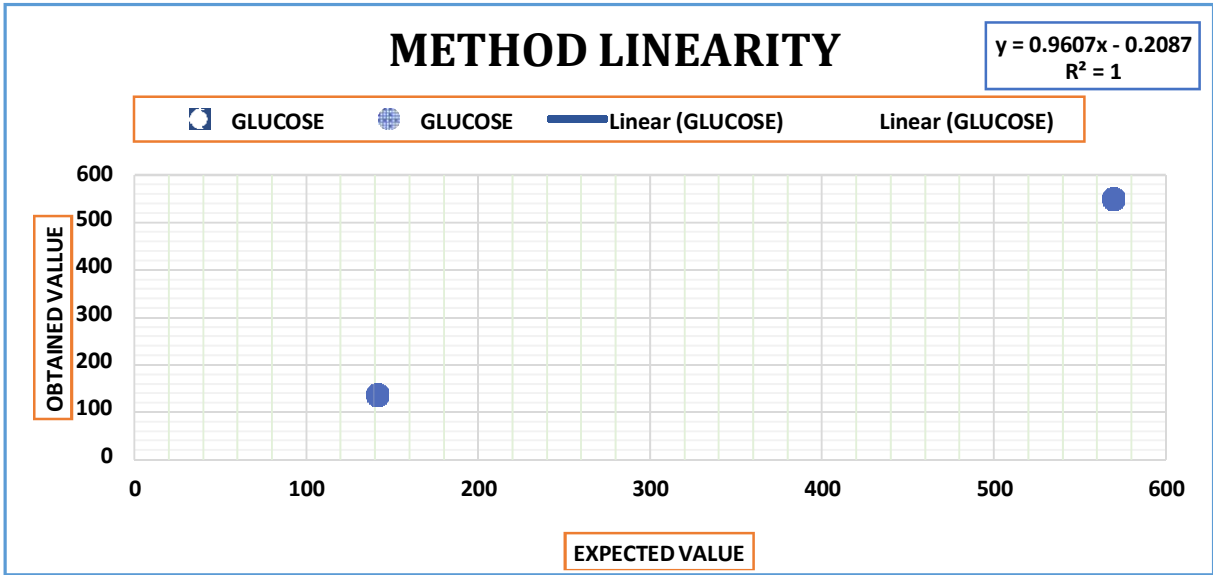


Viraj Kale  
Manager-  
TechnicalIVD-  
Automation  
+91-9930033581

**LINEARITY ANALYSIS REPORT**

Date of Analysis:	08.06.2022	Analyte:	GLUCOSE
Customer Site:	S S PATH CARE PVT LTD	Test Equip:	Mindray BS-240 PRO
Analyst:	Viraj Kale	Serial Number:	BC-7-18001329

**LINEARITY PLOT**





**LINEARITY ANALYSIS REPORT**

Date of Analysis:	08.06.2022	Analyte:	GLUCOSE
Customer Site:	S S PATH CARE PVT LTD	Test Equip:	Mindray BS-240 PRO
Analyst:	Viraj Kale	Serial Number:	BC-7-18001329

**LINEARITY VALUES**

Linearity Samples (Values in mg/dl)		
Sample	Expected	Obtained
0.0%	0	0
25.0%	142	135
50.0%	285	275
100.0%	570	547

Linear Regression Statistics	
No. of Samples	4
Slope	0.9607
Y-Intercept	-0.21
Correlation (r)	1.0000

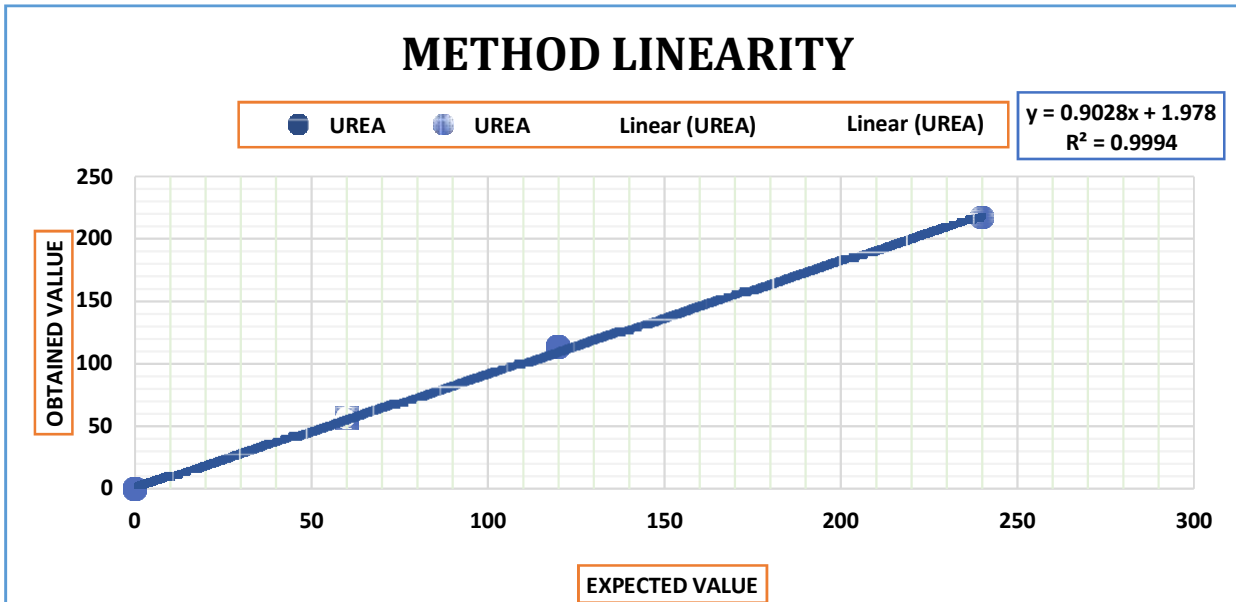
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Linearity Report Generated for Akshay Laboratories

**LINEARITY ANALYSIS REPORT**

Date of Analysis:	08.06.2022	Analyte:	UREA
Customer Site:	S S PATH CARE PVT LTD	Test Equip:	Mindray BS-240 PRO
Analyst:	VIRAJ KALE	Serial Number:	BC-7-18001329

**LINEARITY PLOT**



<b>LINEARITY ANALYSIS REPORT</b>
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Date of Analysis:	08.06.2022	Analyte:	UREA
Customer Site:	S S PATH CARE PVT LTD	Test Equip:	Mindray BS-240 PRO
Analyst:	VIRAJ KALE	Serial Number:	BC-7-18001329

<b>LINEARITY VALUES</b>
-------------------------

Linearity Samples (Values in mg/dl)		
Sample	Expected	Obtained
0.0%	0	0
25.0%	60	56.81
50.0%	120	113.27
100.0%	240	217

Linear Regression Statistics	
No. of Samples	4
Slope	0.9028
Y-Intercept	1.98
Correlation (r)	0.9997

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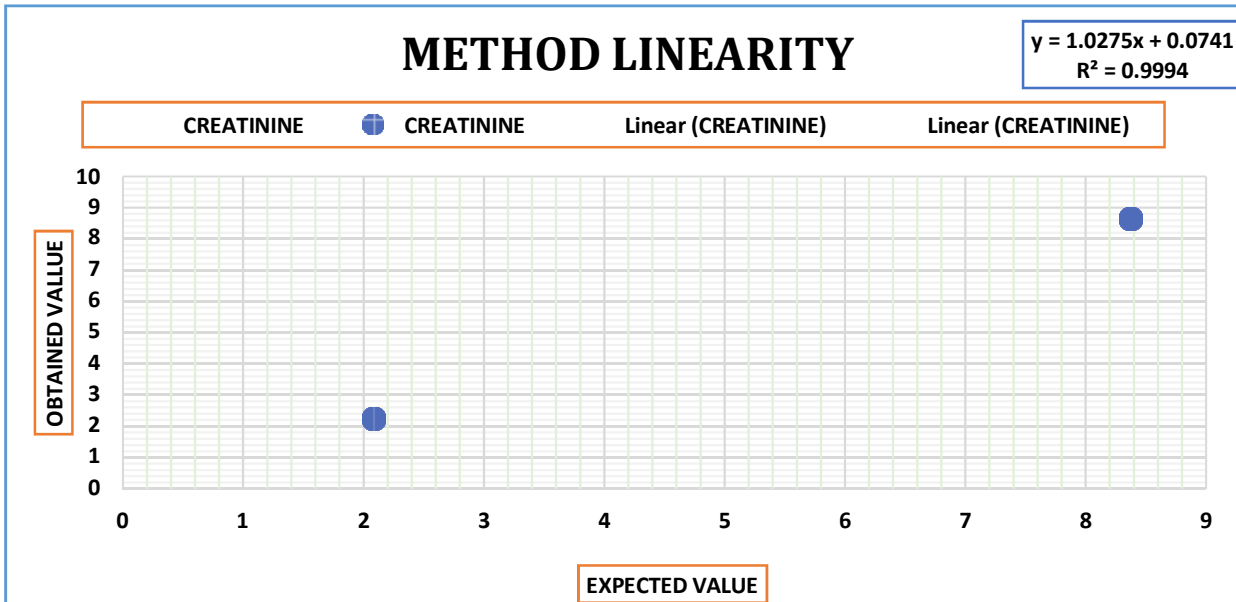
Linearity Report Generated for AKSHAY LABORATORIES



**LINEARITY ANALYSIS REPORT**

Date of Analysis:	08.06.2022	Analyte:	CREATININE
Customer Site:	S S PATH CARE PVT LTD	Test Equip:	Mindray BS-240 PRO
Analyst:	VIRAJ KALE	Serial Number:	BC-7-18001329

**LINEARITY PLOT**



<b>LINEARITY ANALYSIS REPORT</b>
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Date of Analysis:	08.06.2022	Analyte:	CREATININE
Customer Site:	S S PATH CARE PVT LTD	Test Equip:	Mindray BS-240 PRO
Analyst:	VIRAJ KALE	Serial Number:	BC-7-18001329

<b>LINEARITY VALUES</b>
-------------------------

Linearity Samples (Values in mg/dl)		
Sample	Expected	Obtained
0.0%	0	0
25.0%	2.09	2.24
50.0%	4.19	4.5
100.0%	8.38	8.62

Linear Regression Statistics	
No. of Samples	4
Slope	1.0275
Y-Intercept	0.07
Correlation (r)	0.9997

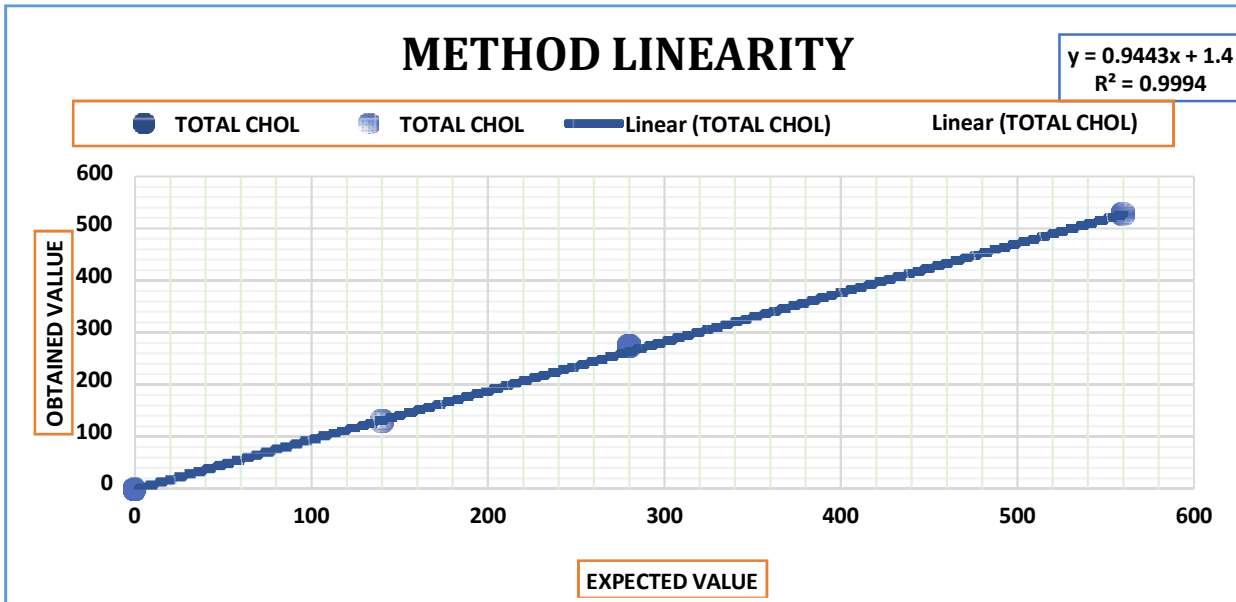
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Linearity Report Generated for AKSHAY LABORATORIES

**LINEARITY ANALYSIS REPORT**

Date of Analysis:	08.06.2022	Analyte:	TOTAL CHOLESTEROL
Customer Site:	S S PATH CARE PVT LTD	Test Equip:	Mindray BS-240 PRO
Analyst:	VIRAJ KALE	Serial Number:	BC-7-18001329

**LINEARITY PLOT**





**LINEARITY ANALYSIS REPORT**

Date of Analysis:	08.06.2022	Analyte:	TOTAL CHOLESTEROL
Customer Site:	S S PATH CARE PVT LTD	Test Equip:	Mindray BS-240 PRO
Analyst:	VIRAJ KALE	Serial Number:	BC-7-18001329

**LINEARITY VALUES**

Linearity Samples (Values in mg/dl)		
Sample	Expected	Obtained
0.0%	0	0
25.0%	140	130
50.0%	280	274
100.0%	560	527

Linear Regression Statistics	
No. of Samples	4
Slope	0.9443
Y-Intercept	1.40
Correlation (r)	0.9997

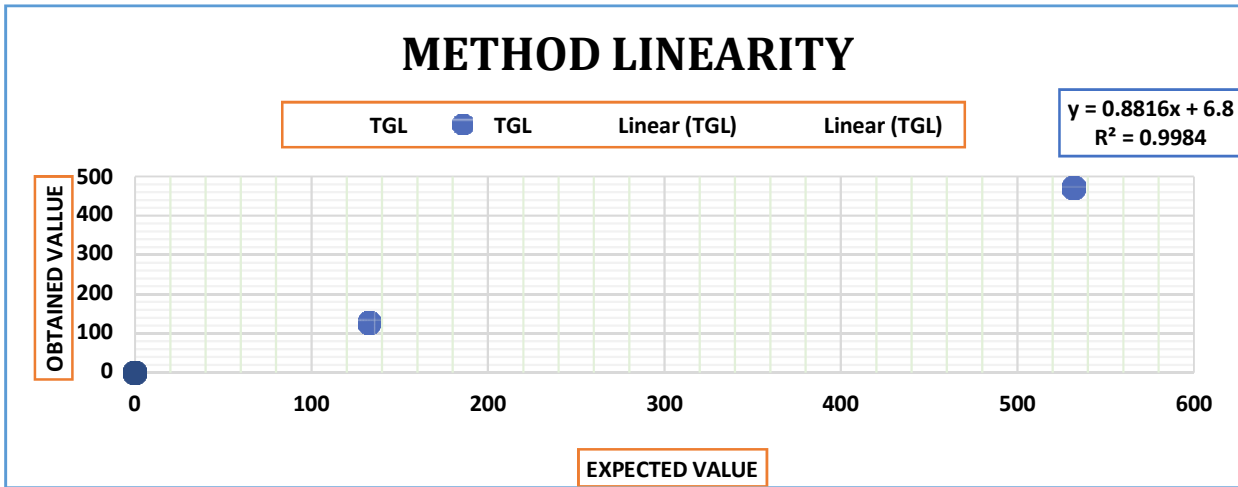
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Linearity Report Generated for AKSHAY LABORATORIES

**LINEARITY ANALYSIS REPORT**

Date of Analysis:	08.06.2022	Analyte:	TRIGLYCERIDES
Customer Site:	S S PATH CARE PVT LTD	Test Equip:	Mindray BS-240 PRO
Analyst:	VIRAJ KALE	Serial Number:	BC-7-18001329

**LINEARITY PLOT**



<b>LINEARITY ANALYSIS REPORT</b>
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<b>Date of Analysis:</b>	<b>08.06.2022</b>	<b>Analyte:</b>	<b>TRIGLYCERIDES</b>
<b>Customer Site:</b>	<b>S S PATH CARE PVT LTD</b>	<b>Test Equip:</b>	<b>Mindray BS-240 PRO</b>
<b>Analyst:</b>	<b>VIRAJ KALE</b>	<b>Serial Number:</b>	<b>BC-7-18001329</b>

<b>LINEARITY VALUES</b>
-------------------------

<b>Linearity Samples (Values in mg/dl)</b>		
<b>Sample</b>	<b>Expected</b>	<b>Obtained</b>
<b>0.0%</b>	0	0
<b>25.0%</b>	133	126
<b>50.0%</b>	266	252
<b>100.0%</b>	532	470.00

<b>Linear Regression Statistics</b>	
<b>No. of Samples</b>	4
<b>Slope</b>	0.8816
<b>Y-Intercept</b>	6.80
<b>Correlation (r)</b>	0.9992

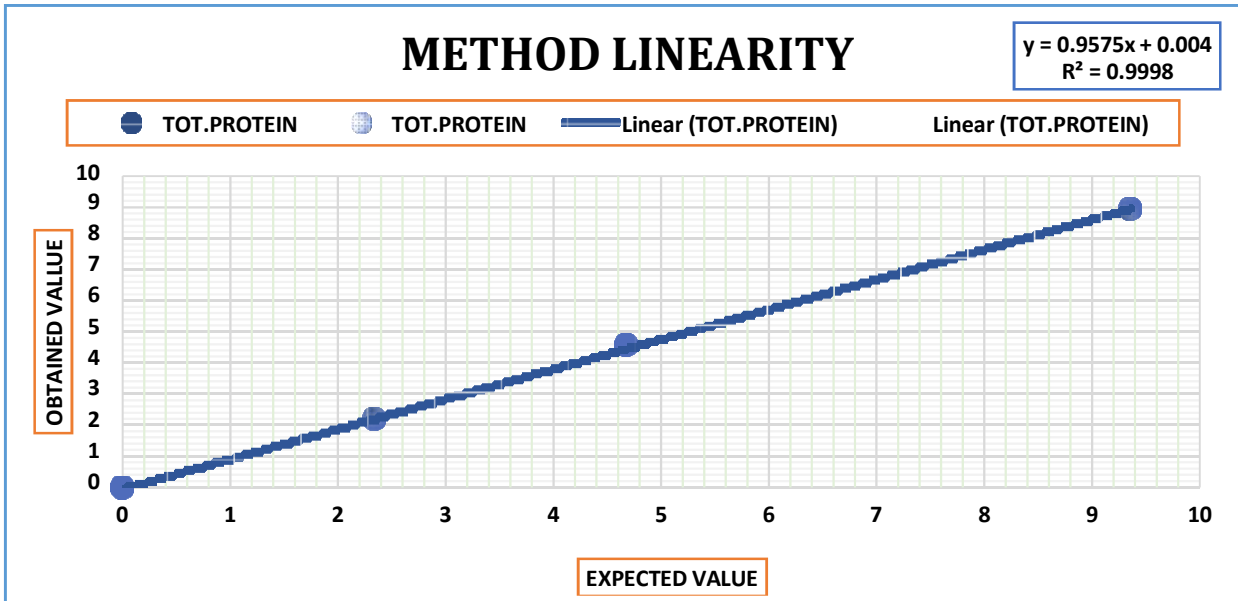
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Linearity Report Generated for AKSHAY LABORATORIES

**LINEARITY ANALYSIS REPORT**

Date of Analysis:	08.06.2022	Analyte:	TOTAL PROTEIN
Customer Site:	S S PATH CARE PVT LTD	Test Equip:	Mindray BS-240 PRO
Analyst:	VIRAJ KALE	Serial Number:	BC-7-18001329

**LINEARITY PLOT**



<b>LINEARITY ANALYSIS REPORT</b>
----------------------------------

Date of Analysis:	08.06.2022	Analyte:	TOTAL PROTEIN
Customer Site:	S S PATH CARE PVT LTD	Test Equip:	Mindray BS-240 PRO
Analyst:	VIRAJ KALE	Serial Number:	BC-7-18001329

<b>LINEARITY VALUES</b>
-------------------------

Linearity Samples (Values in g/dl)		
Sample	Expected	Obtained
0.0%	0	0
25.0%	2.34	2.2
50.0%	4.68	4.56
100.0%	9.36	8.94

Linear Regression Statistics	
No. of Samples	4
Slope	0.9575
Y-Intercept	0.00
Correlation (r)	0.9999

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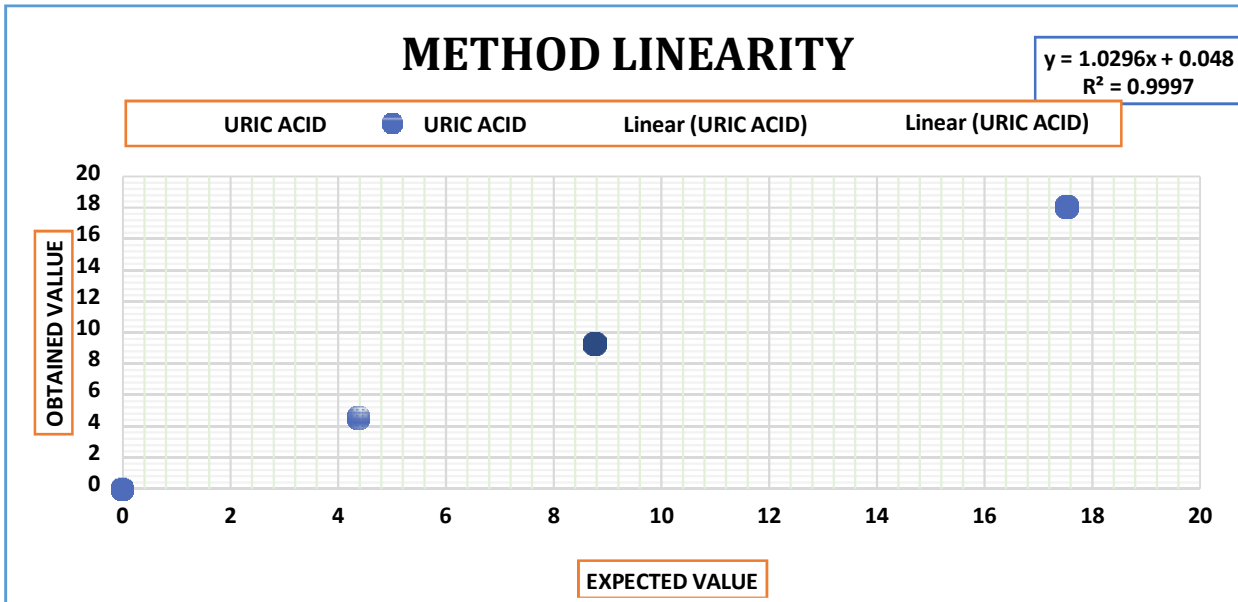
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**LINEARITY ANALYSIS REPORT**

Date of Analysis:	08.06.2022	Analyte:	URIC ACID
Customer Site:	S S PATH CARE PVT LTD	Test Equip:	Mindray BS-240 PRO
Analyst:	VIRAJ KALE	Serial Number:	BC-7-18001329

**LINEARITY PLOT**





**LINEARITY ANALYSIS REPORT**

Date of Analysis:	08.06.2022	Analyte:	URIC ACID
Customer Site:	S S PATH CARE PVT LTD	Test Equip:	Mindray BS-240 PRO
Analyst:	VIRAJ KALE	Serial Number:	BC-7-18001329

**LINEARITY VALUES**

Linearity Samples (Values in mg/dl)		
Sample	Expected	Obtained
0.0%	0	0
25.0%	4.38	4.5
50.0%	8.77	9.26
100.0%	17.54	18.03

Linear Regression Statistics	
No. of Samples	4
Slope	1.0296
Y-Intercept	0.05
Correlation (r)	0.9999

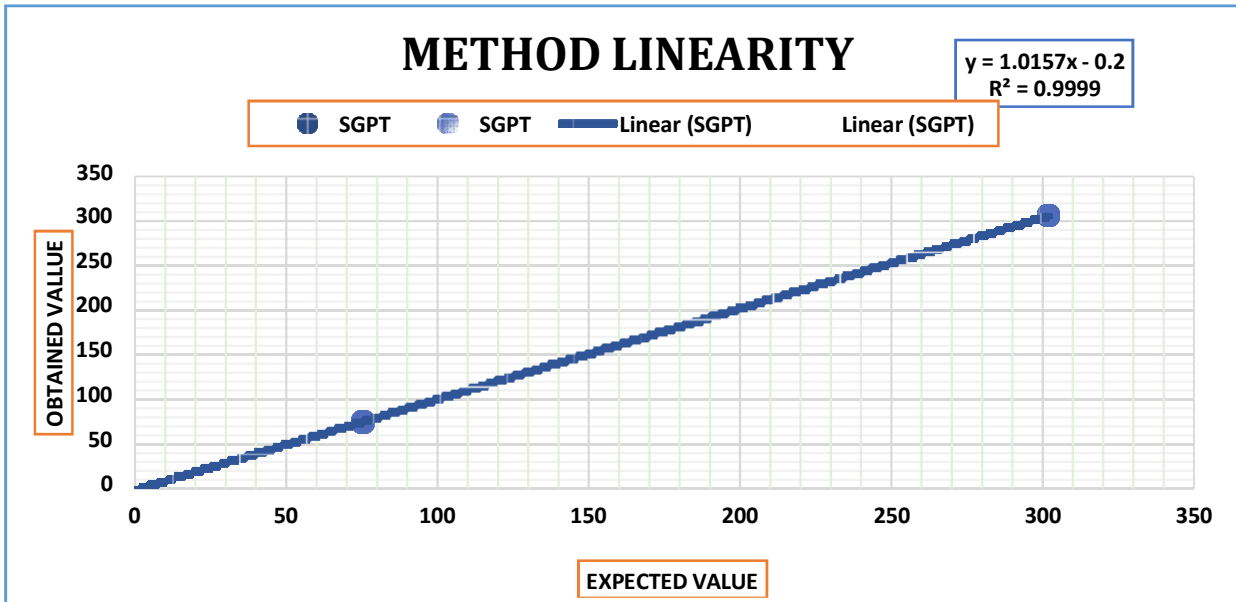
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**LINEARITY ANALYSIS REPORT**

Date of Analysis:	08.06.2022	Analyte:	SGPT
Customer Site:	S S PATH CARE PVT LTD	Test Equip:	Mindray BS-240 PRO
Analyst:	VIRAJ KALE	Serial Number:	BC-7-18001329

**LINEARITY PLOT**



<b>LINEARITY ANALYSIS REPORT</b>
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<b>Date of Analysis:</b>	<b>08.06.2022</b>	<b>Analyte:</b>	<b>SGPT</b>
<b>Customer Site:</b>	<b>S S PATH CARE PVT LTD</b>	<b>Test Equip:</b>	<b>Mindray BS-240 PRO</b>
<b>Analyst:</b>	<b>VIRAJ KALE</b>	<b>Serial Number:</b>	<b>BC-7-18001329</b>

<b>LINEARITY VALUES</b>
-------------------------

<b>Linearity Samples (Values in IU/L)</b>		
<b>Sample</b>	<b>Expected</b>	<b>Obtained</b>
<b>0.0%</b>	<b>0</b>	<b>0</b>
<b>25.0%</b>	<b>75.5</b>	<b>75</b>
<b>50.0%</b>	<b>151</b>	<b>155</b>
<b>100.0%</b>	<b>302</b>	<b>306</b>

<b>Linear Regression Statistics</b>	
<b>No. of Samples</b>	<b>4</b>
<b>Slope</b>	<b>1.0157</b>
<b>Y-Intercept</b>	<b>-0.20</b>
<b>Correlation (r)</b>	<b>0.9999</b>

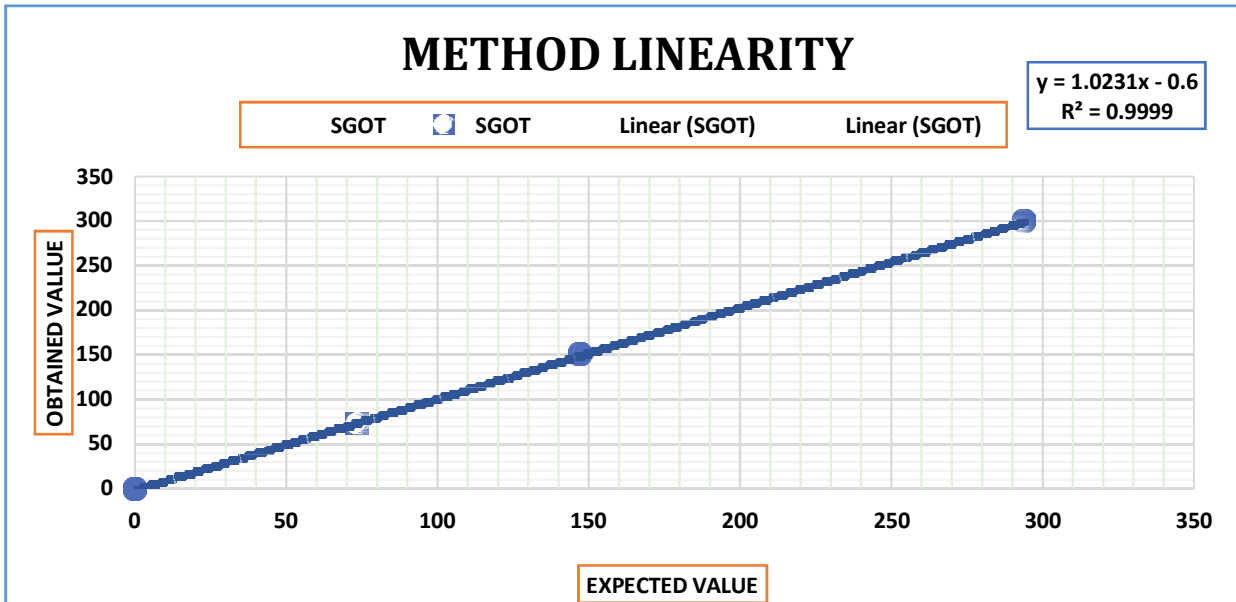
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Linearity Report Generated for AKSHAY LABORATORIES

**LINEARITY ANALYSIS REPORT**

Date of Analysis:	08.06.2022	Analyte:	SGOT
Customer Site:	S S PATH CARE PVT LTD	Test Equip:	Mindray BS-240 PRO
Analyst:	VIRAJ KALE	Serial Number:	BC-7-18001329

**LINEARITY PLOT**





<b>LINEARITY ANALYSIS REPORT</b>
----------------------------------

Date of Analysis:	08.06.2022	Analyte:	SGOT
Customer Site:	S S PATH CARE PVT LTD	Test Equip:	Mindray BS-240 PRO
Analyst:	VIRAJ KALE	Serial Number:	BC-7-18001329

<b>LINEARITY VALUES</b>
-------------------------

Linearity Samples (Values in IU/L)		
Sample	Expected	Obtained
0.0%	0	0
25.0%	73.5	73
50.0%	147	151
100.0%	294	300

Linear Regression Statistics	
No. of Samples	4
Slope	1.0231
Y-Intercept	-0.60
Correlation (r)	1.0000

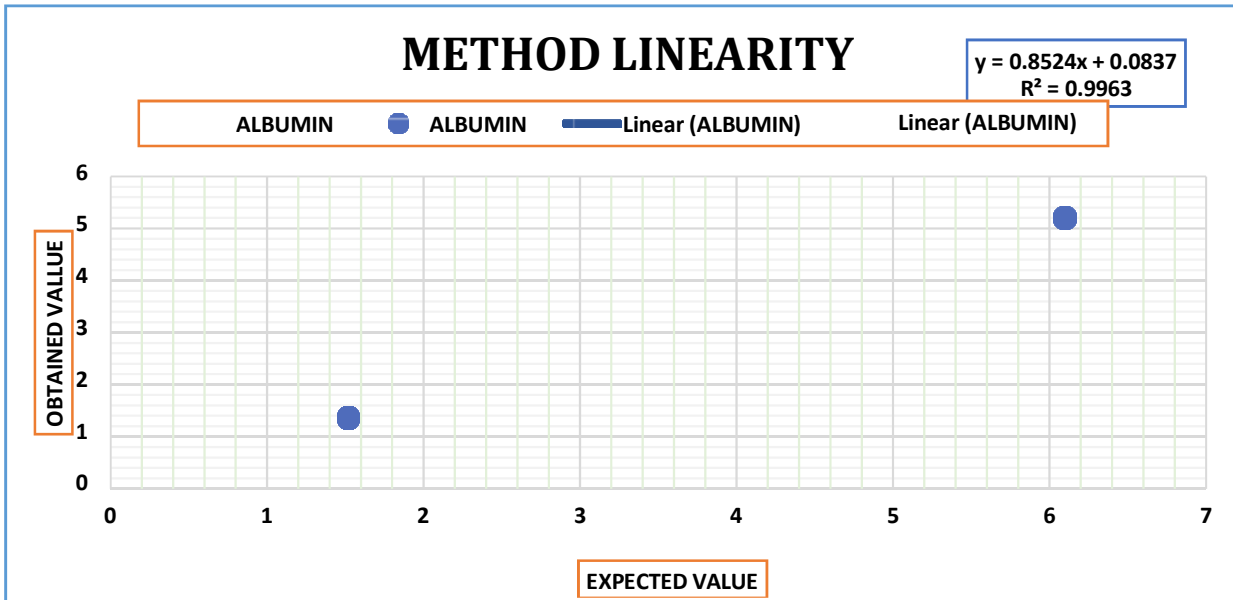
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Linearity Report Generated for AKSHAY LABORATORIES

**LINEARITY ANALYSIS REPORT**

Date of Analysis:	08.06.2022	Analyte:	ALBUMIN
Customer Site:	S S PATH CARE PVT LTD	Test Equip:	Mindray BS-240 PRO
Analyst:	VIRAJ KALE	Serial Number:	BC-7-18001329

**LINEARITY PLOT**





**LINEARITY ANALYSIS REPORT**

Date of Analysis:	08.06.2022	Analyte:	ALBUMIN
Customer Site:	S S PATH CARE PVT LTD	Test Equip:	Mindray BS-240 PRO
Analyst:	VIRAJ KALE	Serial Number:	BC-7-18001329

**LINEARITY VALUES**

Linearity Samples (Values in g/dl)		
Sample	Expected	Obtained
0.0%	0	0
25.0%	1.52	1.36
50.0%	3.05	2.88
100.0%	6.1	5.19

Linear Regression Statistics	
No. of Samples	4
Slope	0.8524
Y-Intercept	0.08
Correlation (r)	0.9982

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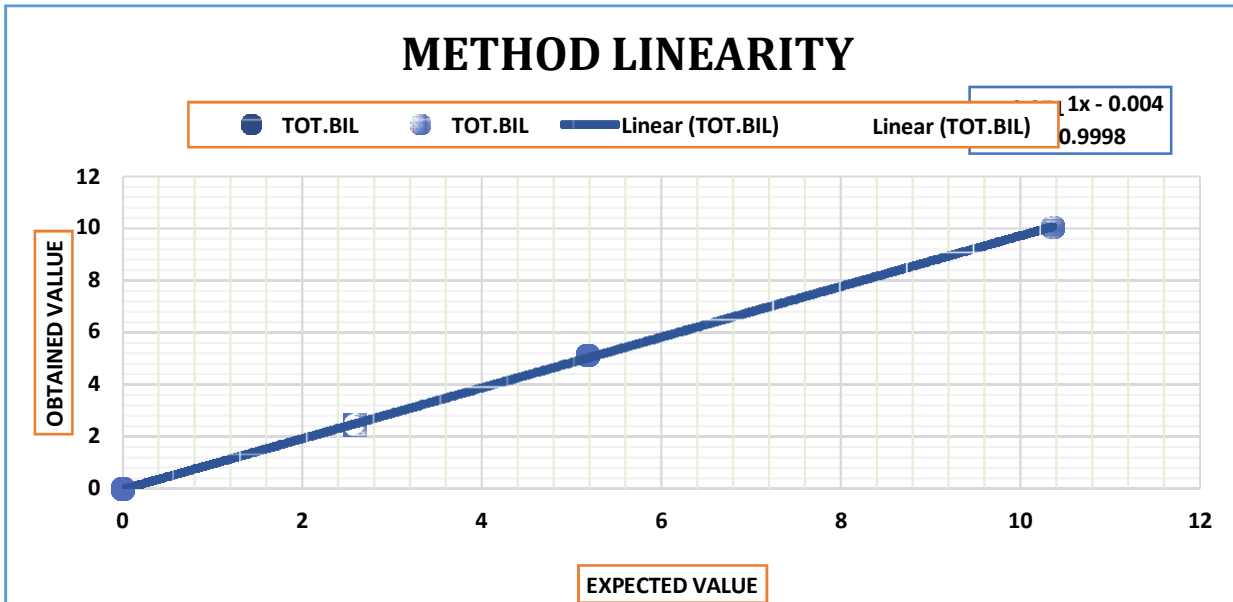
Linearity Report Generated for AKSHAY LABORATORIES



**LINEARITY ANALYSIS REPORT**

Date of Analysis:	08.06.2022	Analyte:	TOTAL BILIRUBIN
Customer Site:	S S PATH CARE PVT LTD	Test Equip:	Mindray BS-240 PRO
Analyst:	VIRAJ KALE	Serial Number:	BC-7-18001329

**LINEARITY PLOT**



<b>LINEARITY ANALYSIS REPORT</b>
----------------------------------

<b>Date of Analysis:</b>	<b>08.06.2022</b>	<b>Analyte:</b>	<b>TOTAL BILIRUBIN</b>
<b>Customer Site:</b>	<b>S S PATH CARE PVT LTD</b>	<b>Test Equip:</b>	<b>Mindray BS-240 PRO</b>
<b>Analyst:</b>	<b>VIRAJ KALE</b>	<b>Serial Number:</b>	<b>BC-7-18001329</b>

<b>LINEARITY VALUES</b>
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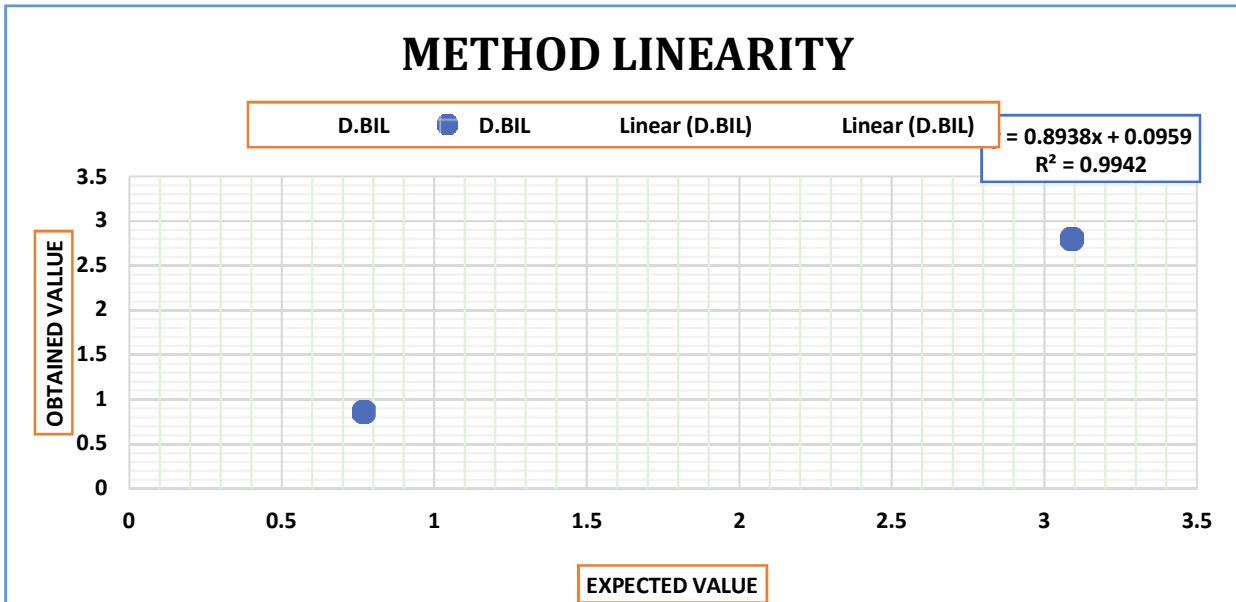
<b>Linearity Samples (Values in mg/dl)</b>		
<b>Sample</b>	<b>Expected</b>	<b>Obtained</b>
<b>0.0%</b>	<b>0</b>	<b>0</b>
<b>25.0%</b>	<b>2.59</b>	<b>2.45</b>
<b>50.0%</b>	<b>5.18</b>	<b>5.11</b>
<b>100.0%</b>	<b>10.36</b>	<b>10.03</b>

<b>Linear Regression Statistics</b>	
<b>No. of Samples</b>	<b>4</b>
<b>Slope</b>	<b>0.9711</b>
<b>Y-Intercept</b>	<b>0.00</b>
<b>Correlation (r)</b>	<b>0.9999</b>

**LINEARITY ANALYSIS REPORT**

Date of Analysis:	08.06.2022	Analyte:	DIRECT BILIRUBIN
Customer Site:	S S PATH CARE PVT LTD	Test Equip:	Mindray BS-240 PRO
Analyst:	VIRAJ KALE	Serial Number:	BC-7-18001329

**LINEARITY PLOT**



<b>LINEARITY ANALYSIS REPORT</b>
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Date of Analysis:	08.06.2022	Analyte:	DIRECT BILIRUBIN
Customer Site:	S S PATH CARE PVT LTD	Test Equip:	Mindray BS-240 PRO
Analyst:	VIRAJ KALE	Serial Number:	BC-7-18001329

<b>LINEARITY VALUES</b>
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Linearity Samples (Values in mg/dl)		
Sample	Expected	Obtained
0.0%	0	0
25.0%	0.77	0.86
50.0%	1.54	1.55
100.0%	3.09	2.8

Linear Regression Statistics	
No. of Samples	4
Slope	0.8938
Y-Intercept	0.10
Correlation (r)	0.9971

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Linearity Report Generated for AKSHAY LABORATORIES

# QC Result

Control	Lot No.	Chemistry	Lot No.	Unit	Measured	Set		Flag	Run Date/Time
					Result	Mean	SD		
CONL2	1550UN	GLUR		mg/dL	109	111	8.3		24-11-2022 10:31:13
CONL2	1550UN	CHOLR		mg/dL	161	157	10		24-11-2022 10:26:28
CONL2	1550UN	TGR		mg/dL	89	96.5	7.65		24-11-2022 10:26:58
CONL2	1550UN	SGOTR		U/L	32.1	36	3.5		24-11-2022 10:30:13
CONL2	1550UN	SGPTR		U/L	39.2	41	4		24-11-2022 10:30:28
CONL2	1550UN	CREATH		mg/dL	1.21	1.47	0.15		24-11-2022 10:29:13
CONL2	1550UN	ALBR		g/dL	3.98	4.06	0.31		24-11-2022 10:27:58
CONL2	1550UN	ALPR		U/L	204.5	203	15		24-11-2022 10:32:13
CONL2	1550UN	CAR		mg/dL	8.3	8.74	0.42		24-11-2022 10:28:28
CONL2	1550UN	TPR		g/dL	5.3	5.74	0.58		24-11-2022 10:33:59
CONL2	1550UN	UREAR		mg/dL	40.4	43.9	3.3		24-11-2022 10:32:58
CONL2	1550UN	UAR		mg/dL	5.43	5.75	0.37		24-11-2022 10:29:13
CONL2	1550UN	HDLR		mg/dL	46.4	50.6	3.9		24-11-2022 10:37:29
CONL2	1550UN	D-BILIH		mg/dL	1.01	1.12	0.12		24-11-2022 10:29:43
CONL2	1550UN	T-BILIH		mg/dL	1.56	1.68	0.14		24-11-2022 10:27:13
CONL2	1550UN	LDL		mg/dL	93.8	85	10		24-11-2022 10:36:14
CONL2	1550UN	IRON B		µg/dL	84.1	104	9.3		24-11-2022 10:35:59