

Mindray BS-240 Auto Chemistry Analyzer – PQ Documents

Customer Address: **Mediquest Health care Diagnostic**
Mangalore -575002

Contact person: **Ms.Deeksha**
Telephone: 7760804801

Serial no: **YX-91002366**

QC Running: 06/06/22

Performance Qualification

CALIBRATION:

The Analyser has been calibrated with Mindray Multi Sera calibrator for Calcium, Glucose-G, T.Bilirubin, D.Bilirubin, ALT, AST, GGT, ALP, GGT, TP, TGL, HDL-C, TC, UA, Crea-S.

Calibrator Manufacturer : Mindray

Lipids Calibrator : Mindray

Calibrator name : Multi Sera calibrator

Calibrator Name : LIPID CAL

Lot Number : 150121003

Lot Number : 150421013

Expiry date : 18-10-2022

Expiry Date : 30-11-2022

QUALITY CONTROL CHECK - NORMAL CONTROL

Control manufacturer : RANDOX

QC Name : Randox L2 & L3

Lot Number : 1502UN & 1173UE

Expiry Date : 28-06-2024 & 28-06-2024

Carried out Randox Control found values are within specified range.

REMARKS

The system meets all criteria outlined in this performance qualification documents. All the required parameter have been checked and instrument is ready for regular use.

Performer : **Viswanatha. T**
Designation : Application specialist
Date : 21/06/2022

Reviewer : **Muthu vigneshwar, ICP**
Designation : Application Manager



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Settings

Cumulative Sum

Twin-Plot

Results

Summary

Control

RANDOX 1173UE

QC Date

19-07-2022

19-07-2022

Lot No.	Chem	Sample Type	Mean	SD	Unit	Summary Mean	Summary SD	Summary CV%
1173UE	Ca	Serum	12.7	1.27	mg/dL	12.3863		Pass
1173UE	Glu-G	Serum	285	28.5	mg/dL	290.371		Pass
1173UE	T-bil-D II	Serum	5.18	0.51	mg/dL	5.5480		Pass
1173UE	D-bil-D II	Serum	1.86	0.18	mg/dL	1.7865		Pass
1173UE	ALT	Serum	151	15.1	U/L	153.670		Pass
1173UE	AST	Serum	147	14.7	U/L	136.551		Pass
1173UE	ALP	Serum	349	34.9	U/L	374.964		Pass
1173UE	γ-GT	Serum	177	17.7	U/L	188.884		Pass
1173UE	TP	Serum	4.68	0.46	g/dL	4.5812		Pass
1173UE	ALB II	Serum	3.05	0.3	g/dL	2.8838		Pass
1173UE	TG	Serum	266	26.6	mg/dL	284.275		Pass
1173UE	HDL-C	Serum	93.4	9.34	mg/dL	108.9288		Pass



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Control

RANDEX 1173UE

QC Date

19-07-2022

19-07-2022

Lot No.	Chem	Sample Type	Mean	SD	Unit	Summary Mean	Summary SD	Summary CV%
1173UE	ALT	Serum	151	15.1	U/L	153.670		Pass
1173UE	AST	Serum	147	14.7	U/L	136.551		Pass
1173UE	ALP	Serum	349	34.9	U/L	374.964		Pass
1173UE	γ-GT	Serum	177	17.7	U/L	188.884		Pass
1173UE	TP	Serum	4.68	0.46	g/dL	4.5812		Pass
1173UE	ALB II	Serum	3.05	0.3	g/dL	2.8838		Pass
1173UE	TG	Serum	266	26.6	mg/dL	284.275		Pass
1173UE	HDL-C	Serum	93.4	9.34	mg/dL	108.9288		Pass
1173UE	TC	Serum	280	28	mg/dL	275.34		Pass
1173UE	CREA-S	Serum	4.28	0.42	mg/dL	4.0319		Pass
1173UE	UA	Serum	8.77	0.87	mg/dL	8.9927		Pass
1173UE	UREA	Serum	120	12	mg/dL	118.44		Pass

Search F1

Chems F2

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Cumulative Sum

Twin-Plot

Results

Summary

Control

RANDOX 1502UN

QC Date

19-07-2022

19-07-2022

rol	Lot No.	Chem	Sample Type	Mean	SD	Unit	Summary Mean	Summary SD	Summary CV%
DOX	1502UN	Ca	Serum	8.78	0.87	mg/dL	9.1195		Pass
DOX	1502UN	Glu-G	Serum	108	10.8	mg/dL	109.345		Pass
DOX	1502UN	T-bil-D II	Serum	1.66	0.16	mg/dL	1.6652		Pass
DOX	1502UN	D-bil-D II	Serum	1.26	0.12	mg/dL	1.3283		Pass
DOX	1502UN	ALT	Serum	41	4.1	U/L	38.309		Pass
DOX	1502UN	AST	Serum	34	3.4	U/L	24.442		Pass
DOX	1502UN	ALP	Serum	190	19	U/L	201.44		Pass
DOX	1502UN	γ-GT	Serum	50	5	U/L	52.81		Pass
DOX	1502UN	TP	Serum	5.89	0.58	g/dL	5.6451		Pass
DOX	1502UN	ALB II	Serum	4.21	0.42	g/dL	3.9870		Pass
DOX	1502UN	TG	Serum	91.2	9.12	mg/dL	94.9530		Pass
DOX	1502UN	HDL-C	Serum	62.1	6.21	mg/dL	62.9986		Pass

Search
F1

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19/7/2022

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Cumulative Sum

Twin-Plot

Results

Summary

Control

RANDOX 1502UN

QC Date

19-07-2022

19-07-2022

	Lot No.	Chem	Sample Type	Mean	SD	Unit	Summary Mean	Summary SD	Summary CV%
X	1502UN	ALT	Serum	41	4.1	U/L	38.309		Pass
X	1502UN	AST	Serum	34	3.4	U/L	24.442		Pass
X	1502UN	ALP	Serum	190	19	U/L	201.44		Pass
X	1502UN	γ-GT	Serum	50	5	U/L	52.81		Pass
X	1502UN	TP	Serum	5.89	0.58	g/dL	5.6451		Pass
X	1502UN	ALB II	Serum	4.21	0.42	g/dL	3.9870		Pass
X	1502UN	TG	Serum	91.2	9.12	mg/dL	94.9530		Pass
X	1502UN	HDL-C	Serum	62.1	6.21	mg/dL	62.9986		Pass
X	1502UN	TC	Serum	157	15.7	mg/dL	150.004		Pass
X	1502UN	CREA-S	Serum	1.41	0.14	mg/dL	1.2725		Pass
X	1502UN	UA	Serum	5.88	0.58	mg/dL	5.4580		Pass
X	1502UN	UREA	Serum	43.9	4.39	mg/dL	40.6861		Pass

Search
F1

Chems
F2

Print
F7

be greater than end time

PPH
19/7/2022