

Performance Qualification

Instrument Type: Semi auto chemistry analyzer	Manufacture Name: Mindray
Model Name: Mindray BA88A	Supplier Name: Caregenic Medical Services Pvt Ltd (formally JS Diagnostics)
Installed On: 27/06/2016	Service Engineer: Jibin Joshi

Performance Verification Report

Name of the Customer: Focus Diagnostics, Rajaji Nagar	Instrument Type: : Semi auto chemistry
Model Number: Mindray BA88A	Serial Number: WR/46015206
Date of receipt: 05/02/2022	Date of Installation: 27/06/2016

Performance Check:

Absorbance Check	OK
Photometer Calibration	OK
Aspiration Pump Check	OK
Printer Check	OK

Operational Qualification

Instrument Type: Semi auto chemistry analyzer	Manufacture Name: Mindray
Model Name: Mindray BA88A	Supplier Name: Caregenic Medical Services Pvt Ltd (formally JS Diagnostics)
Installed On: 27/06/2016	Service Engineer: Jibin Joshi

Operational Verification Report


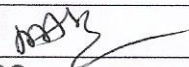
Name of the Customer: Focus Diagnostics, Rajaji Nagar	Instrument Type: Semi auto chemistry
Model Number: Mindray BA88A	Serial Number: WR/46015206
Date of receipt: 05/02/2022	Date of Installation: 27/06/2016

Operational Check:

Reproducibility Check	OK
Standard Results	OK

Result:

Operational verification of has been completed satisfactorily and it is ready for the performance verification

Operations performed by: Jibin Joshi	Checked by: Sunilkumar
Signature: 	Signature: 
Date : 8-02-2022	Date : 8-02-2022

DEALERS: HEMATOLOGY ANALYZER/BLOOD GAS ANALYSER/ELECTROLYTE ANALYZER/CHEMISTRY
ANALYZER AND COMPLETE LABORATORY SERVICE

#1827,1st floor, SVS Arcade, ACES Layout, A Block,Singasandra ,Bangalore-560068
PHONE: 080-25724161, 9740975499, 9611926909

Installation Qualification

Instrument Type: Semi auto chemistry analyzer	Manufacture Name: Mindray
Model Name: Mindray BA88A	Supplier Name: Caregenic Medical Services Pvt Ltd (formally JS Diagnostics)

Operational Verification Report

Instrument Type: Semi auto chemistry	Name of the Customer: Focus Diagnostics, Rajaji Nagar
Serial Number: WR/46015206	Model Number: Mindray BA88A
Date of Installation: 27/06/2016	Date of receipt: 05/02/2022

Power Check:

Power Supply:	OK (234 v)
Earth Voltage	OK (0.02 v)

Physical Check of the equipment


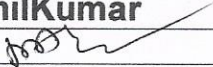
Check for damage	✓	✓
Visual & functional inspection	✓	✓
No damage on internal assembly	✓	✓

System configuration equipment

Positioning of the equipment – flat stable surface	OK	OK
Adequate space around the equipment	OK	OK
Interference to other equipment	OK	OK

Result:

Installed satisfactorily and is ready for operational verification

Installed by: Jibin Joshi	Checked by: SunilKumar
Signature: 	Signature: 
Date: 8-02-2022	Date: 8-02-2022


DEALERS: HEMATOLOGY ANALYZER/BLOOD GAS ANALYSER/ELECTROLYTE ANALYZER/CHEMISTRY ANALYZER AND COMPLETE LABORATORY SERVICE

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PHONE: 080-25724161, 9740975499, 9611926909

Result:

The performance verification of has been completed satisfactorily and Instrument is ready to be placed in service.

Performance Check done in presence of : Jibin Joshi	HOD:  Signature: Date: 9/2/22
Performance check by: Sunilkumar	Checked by: Sunilkumar
Date: 8-02-2022	Date: 8-02-2022

Installation, Operational and Performance Qualification Certificate

The equipment Serial is installed and commissioned. The operational and performance verification is done and observations are:

- All system components are working in normal condition
- All tests were carried out in accordance with qualification protocol and standard operating procedure.
- The performance of the is as per the acceptance criteria.

Identi Assayed Human Sera Level 1 - Normal Control

Cat No: HN1530

Lot No: 1417UN

Expiry: 2023 - 06 - 28

Pack size: 1X5 mL

Normal QC					
Parameter	Method	Mean	Range	1SD	Unit
Glucose	Glucose oxidase	113	96 - 130	8.5	mg/dL
Cholesterol	Cholesterol oxidase	156	136 - 176	10	mg/dL
Triglycerides	Lipase/GPO-PAP, no correction	93.8	78.6 - 109	7.6	mg/dL
HDL-cholesterol	HDL-Ultra	56.4	47.9 - 64.9	4.25	mg/dL
Urea	Urease kinetic	42.9	36.5 - 49.3	3.2	mg/dL
Creatinine	Alkaline picrate-no deproteinization	1.54	1.23 - 1.85	0.16	mg/dL
Uric acid	Uricase peroxidase, with ascorbate oxidase	5.83	5.07 - 6.59	0.38	mg/dL
AST (SGOT)	Tris buffer w/o P5P, 37°C	35	28 - 42	3.5	U/L
ALT (SGPT)	Tris buffer w/o P5P, 37°C	36	29 - 43	3.5	U/L
Alkaline phosphatase	AMP optimised to IFCC 37°C	179	152 - 206	13.5	U/L
Total Proteins	Biuret reaction, end point	5.78	4.63 - 6.93	0.58	g/dL
Albumin	Bromocresol green	4.14	3.52 - 4.76	0.31	g/dL
Total Bilirubin	Diazo, with sulphanilic acid	1.73	1.36 - 2.10	0.37	mg/dL
Direct Bilirubin	Diazo, with sulphanilic acid	1.25	0.989 - 1.51	0.13	mg/dL
Calcium	Arsenazo III	8.86	7.98 - 9.74	0.44	mg/dL
Phosphorus	Phosphomolybdate UV	4.28	3.63 - 4.93	0.33	mg/dL
Magnesium	Xylidyl blue	2.09	1.84 - 2.34	0.13	mg/dL
Amylase	2-chloro-PNPG 3, 37°C	98	83 - 113	7.5	U/L
GGT	Gammaglutamyl-3-carboxy-4-nitroanilide (IFCC) 37°C	52	44 - 60	4	U/L
LDH-L	L-P IFCC 37°C	213	181 - 245	16	U/L
CK NAC	CK NAC (IFCC) 37°C	186	153 - 219	16.5	U/L
Lipase	Roche colorimetric 37°C	31	25 - 37	3	U/L

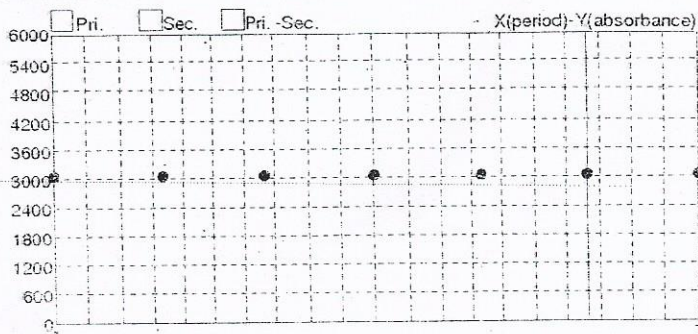
Date: 11.10.2021

Place: Chennai

* PLEASE CHECK OVERLEAF FOR IMPORTANT INSTRUCTIONS

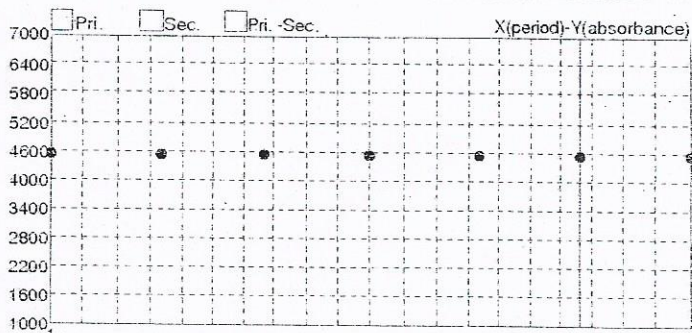
Reac. curve

Test: UA *Uric Acid*
Samp. ID: 2
Reac. Type: Endpoint
Wavelength: 510
Response: 2623
Conc. *6.37*
Test date: 2022-02-08
Print time: 2022-02-08 16:44:42



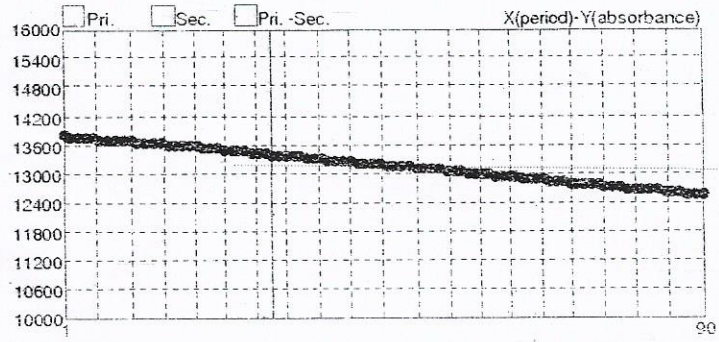
Reac. curve

Test: GLU *glucose*
Samp. ID: 7
Reac. Type: Endpoint
Wavelength: 510
Response: 4351
Conc. *0.1* 122.29
Test date: 2022-02-08
Print time: 2022-02-08 16:49:19



Reac. curve

Test: UREA
Samp. ID: 1
Reac. Type: Fixed-time
Wavelength: 340
Response: -962
Conc. θE 43.2
Test date: 2022-02-08
Print time: 2022-02-08 17:15:24



Reac. curve

Test: CREAT *Creatinine*
Samp. ID: 7
Reac. Type: Fixed-time
Wavelength: 510
Response: 320
Conc.: *OC* 1.4
Test date: 2022-02-08
Print time: 2022-02-08 18:11:14

