



STAR BIOMED PVT. LTD.

Installation Qualification for

MINDRAY BC-3600

Sr. No. :- TB-53000364

Dr Dham Diagnostic Centre
3856/23 Regar pura Arya Smaj Road
Karol Bagh New Delhi 110005

Customer Name : Dr. Dham Diagnostic Centre

Contact Person : Dr JASPREET KAUR

Instrument Model : Mindray (Bc-3600)

Serial No. : TB-53000364

Date Of installation : 07-06-2018

The instrument was installed And was found to be working satisfactory. Preliminary Customer Training was provided And standardization of the parameters Were done. The results were found to be within the expected range and system found to be working satisfactorily.

Customer: Dr Dham Diagnostic Centre 3856/23 Regar pura Arya Smaj Road

Karol Bagh New Delhi 110005

STAR BIOMED PVT. LTD.

Name : Koushik Patra

Contact Person : Ritesh Mishra

Designation : Service Engineer

Designation : Application Manager

Signature :



25-B/7, W.E.A., New Rohtak Road, Near Liberty Cinema, Karol Bagh, New Delhi-11005, Tel.: 011-28711365,
Mob: 9643207011, 9310028454, Email: info@starbiomed.com, starbiomed@rediffmail.com



STAR BIOMED PVT. LTD.

Installation Certificate For MINDRAY(BC-3600) Sr. No.- TB-53000364

This is to certify that the instrument MINDRAY(BC-3600) Sr. No :- TB-53000364 is successfully installed Dr Dham Diagnostic Centre 3856/23 Regar pura Arya Smaj Road and comminssioned at :and the Installation Protocol/ checklist has been Successfully completed for the above Instrument.

Date of Installation : 07-06-2018

Dr Dham Diagnostic Centre 3856/23 Regar pura Arya Smaj Road

Karol Bagh New Delhi 110005

Name : Koushik Patra

Designation : Service Engineer

Installation Qualification for MINDRAY(BC-3600) Sr. No.- TB-53000364

**Customer Name : Dr Dham Diagnostic Centre 3856/23 Regar pura Arya Smaj Road
Karol Bagh New Delhi 110005**

Instrument Name : MINDRAY(BC-3600)

Serial No : TB-53000364

Initial Inspection of the unit carried out and the details are as follows:



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System Condition Report:

Found the system to have been delivered in satisfactory condition and no external physical damaged observed on the same, Package was kept in good Condition as per the directional indicators like not tilt, indicating the system has not been subjected to mechanical shocks or stored in any manner, so as to cause any damage to the same.

Found all the required accessories as required.

Intallation Procedure And Checklist Attached for the records.

External Requirement for Installation:

1. Input voltage of 220V-240V/50Hz or 60 Hz.
2. Recommended operating Temperature is 15-30 degree Celsius, with in Relative Humidity 30-85% and Atmospheric pressure 70-106kPa.

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Carried out all the installation procedures as per the installation procedure and checklists.

Carried out all the necessary checks and alignments.

Carried out all the necessary system checks and tests.

Handover the Instrument for operatos Training And Qualifications

For STAR BIOMED PVT LTD

Name : Koushik Patra

Designation : Service Engineer

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Performance Qualification for MINDRAY(BC-3600) Serial No : TB-53000364

Calibration Parameters

Checked and found all the control parameters to be with in the acceptable CV limits and in range.

Checked and found all controls to be within The acceptable SD.

System Certification:

Study data has determined that the system described in this document either meets the necessary criteria outlined in this Performance Qualification Protocol, or exceptional conditions have been identified and documentation included.

The system is ready for Specific Usage.

Protocol Performed By:

Name : Ritesh Mishra

Designation : Application Manager

PERFORMANCE QUALIFICATION DONE BY

Name : Ritesh Mishra

Designation : Application Manager

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Operational Qualification:

System Certification:

Study data has determined that the system described in this document either meets all criteria outlined in this Operational Protocol, or exceptional conditions have been identified and documentation included.

Exceptional Conditions, If any Have been Addressed.

The System is ready for specific usage.

Protocol Performed by : STAR BIOMED PVT. LTD.

Name: Koushik Patra

Designation: Service Engineer

Customer Authorization : Dr Dham Diagnostic Centre

3856/23 Regar pura, Arya Smaj Road,
Karol Bagh New Delhi 110005

Name:

Designation: **Manager**

Company Representative Name And Sign

Customer Name And Sign

Date: 07-06-2018
(Signature)

Date:



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Operations Qualifications for MINDRAY(BC-3600) Sr. No.: TB-53000364

1. Verified all the Mechanical Movements : Done
2. Verifeied Hydraulics : Done
3. Verified Electrical Systems : Done
4. Verified the all reagents Systems : Done

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Name : Mohit Kumar

Designation : Service Engineer

Date 07-06-2018 Instrument Setup

1. Assembled the instrument accessories.
2. Removed the shipping Clamps.
3. Connected the LYSE
4. Connected the DILUENT REAGENT.
5. Connected the Waste Tubing.
6. Connected the Power cord and connection cord.
7. Coonected the External Printer.
8. Install the software.
9. Initialise the machine and follow the installation procedure.

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Operational Instection:

1. Checked and found Mechanical Movements OK.
2. Checked and found Hydraulics OK.
3. Checked and found Electricals OK.
4. Checked with Controls And Samples, Results Are found OK.

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Name : Koushik Patra

Designation : Service Engineer

A handwritten signature in blue ink that reads "Koushik Patra". The signature is written over a circular stamp that contains the text "STAR BIOMED PVT. LTD." around the perimeter.

TIN : 07610349094

BHAGWATI SCIENTIFIC

Deal in : Laboratory and Industrial Chemicals, Instrument and Lab. Items


Shop No. 5537, Plot No. 23, Basti Harphool Singh Sadar Thana Road, Delhi-110006
Phone No. : 011-32055597 Tele Fax : 011-23528222. E-mail : bs_dngupta@yahoo.com
MOB.: 9811194562

Lot no Plus 01221
Exp Date 20-03-2022
Calibration type
Analyzer TB-53000364

	Select	WBC	RBC	HGB	MCV	PLT
		9	4.64	13.9	93	245
1	YES	8.57	4.15	14	94	244
2	YES	8.72	4.28	14.2	93.9	213
3	YES	8.83	4.17	13.9	93.3	215
4	YES	8.98	4.15	14	93.8	221
5	YES	9.06	4.12	14	93.7	210
6	YES	8.89	4.19	14	93.9	216
7	YES	8.59	4.19	14	94.2	217
8	YES	8.79	4.15	14	94.2	211
9	YES	8.9	4.17	14	93.5	210
10	YES	8.74	4.17	14	93.7	208
Mean		8.81	4.17	14	93.8	213
CV (%)		1.8	1	0.4	0.3	1.9
New Factor (%)		102.19	111.16	99.29	99.11	114.9
Old Factor (%)		100	108	100	103	101

Date Of Calibration 20-03-2021
Due Date For Calibration 19-03-2022

For, Bhagwati Scientific


Shivam Gupta
Service Engineer

GST No. : 07ABGPL3932R1Z4

BHAGWATI SCIENTIFIC

Deals in : Laboratory and Industrial Chemicals, Instrument and Lab. Items

Shop No. 5537, Plot No. 23, Basti Harphool Singh Sadar Thana Road, Delhi-11006
Phone No. : 011-3205597 Tele Fax : 011-23528222. E-mail : bs_dngupta@yahoo.com
Mob.: 9811194562

Date- 20-03-2021

Certificate of Calibration

(Model – Mindray Auto Hematology Analyzer BC-3600)

This is to certify that the below mentioned instrument in **DHAM DIAGNOSTIC CENTRE**, No 3856/23, Arya Samaj Road, Regar Pura, New Delhi, Delhi 110005 has been calibrated by us on 20th March 2021

The next calibration is due on before 19th March 2022

The values are falling within the specified range.

Instrument Model No. - BC-3600

Model Name - Auto Hematology Analyzer

Sr.No. – TB-53000364

For, Bhagwati Scientific


Shivam Gupta
Service Engineer