

BHAGWATI SCIENTIFIC

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

NICE

CDH
Agriculture & Chemicals

RANKEM
Fine Chemicals Laboratory Services Provider

AVANTOR
PERFORMANCE LABORATORY
Chemical & Instrument Co. Ltd.

REHSIPTTM
SCIENTIFIC

BTAsat
LABORATORY

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

REF. NO.

DATED 20-March 2021

Certificate of Calibration

(Model – Mindray Auto Hematology Analyzer BC-3600)

This is to certify that the below mentioned instrument in **DR.DHAM'S 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

10349094

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

STAR BIOMED PVT. LTD.

Installation Qualification for

MINDRAY BC-3600

Sr. No. :- TB-53000364

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

Customer Name : Dr. Dham's 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's Diagnostic Centre 3856/23 Regar pura Arya Smaj Road

Karol Bagh New Delhi 110005

STAR BIOMED PVT. LTD.

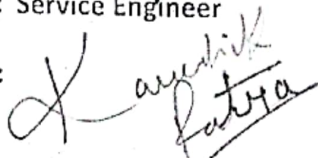
Name : Koushik Patra

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's Diagnostic Centre 3856/23 Regar pura Arya Samaj 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's Diagnostic Centre 3856/23 Regar pura Arya Samaj 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's Diagnostic Centre 3856/23 Regar pura Arya Samaj 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:

25-B/7, W.E.A., New Rohtak Road, Near Liberty Cinema, Karol Bagh, New Delhi-110005, Tel.: 011-28711365,
Mob: 9643207011, 9310028454, Email: info@starbiomed.com, starbiomed@rediffmail.com



STAR BIOMED PVT. LTD.

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's Diagnostic Centre

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

Name:

Designation: Manager

Company Representative Name Sign

Date: 07-06-2018

Customer Name And Sign



Date:



Calibration Certificate

Following values have been checked & adjusted on BS 240 (Sr.No- YX-64000027) at Dharm's Diagnostic Centre 3856/23, Reghar pura, Arya Samaj Road, Karol Bagh, New Delhi-110005

System voltages are in the specified range –Checked by Digital Multimeter are as below:

S.No.	Module	Observed Value	Acceptable Range
1	24 Voltage Supply	24.3 VDC	24.0 +/- 1.0 VDC
2	12 Voltage Supply	12.2 VDC	12.0 +/- 0.5 VDC
3	5 Voltage Supply	5.01 VDC	5.00 +/- 0.1 VDC
4	Liquid Level Sensor Board Supply	4.0 VDC	4.0 +/- 0.1 VDC

System Temperature values are in the specified range –Checked by Digital Thermometer are as below:

S.No.	Module	Observed Value	Acceptable Range
1	Reagent Preheater Temp.	45 °C	45 +/- 0.5 °C
2	Reaction Disk Temp.	37 °C	37 +/- 0.4 °C
3	Reagent Compartment Temp.	10 °C	8 to 12 °C

Photometer Adjustment Values are within range as recommended:

S.No.	Module	Observed Value	Acceptable Range
1	Background Count for all Wavelength	52,000 +/-40	48,000 to 55,000

Pipetting Syringes are Ok volume dispensed measured on Digital Weighing Machine:

S.No.	Module	Observed Value	Acceptable Range
1	Reagent/Sample Syringe	500 uL	500 +/-1uL

Washing Dispense are Ok volume dispensed measured on Digital Weighing Machine

S.No.	Module	Observed Value	Acceptable Range
1	Interior Washing	3.01 mL	3.00 +/- 500uL
2	Exterior Washing	3.01 mL	3.00 +/- 500uL

- All other mechanisms have been checked through software and found OK.
- Performed calibration for End Point, Kinetic & Fixed Time Kinetic.Run control & sample, Results were satisfactory.
- Next Calibration will be performed on 24-07-2022

For Star Biomed Pvt. Ltd.

Service Manager



Date: 25-07-2021