

MINDRAY BC-5380 CALIBRATION CERTIFICATE

Customer Name	SVIMS HOSPITAL					
Department	Department of Pathology-Laboratory Services					
Address	Alpiri road, Sri Padmavathi Mahila Visvavidyalayam, Tirupati-517507.					
				Date of Calibration	14-09-2022	
Instrument	BC-5380 Auto Haematology Analyser			Next Calibration Date	13-09-2023	
Serial No	RD - 26106447			Calibrator Lot Number	PLUS0922	
				Calibrator Expiry date	05-10-2022	
<u>Calibration Values</u>	<u>Parameter</u>	<u>Target</u>	<u>Range</u>	<u>Mean of Measured Values</u>	<u>New Factor</u>	<u>Old Factor</u>
	WBC x 10 ⁹ /L	9.55	9.55-9.95	9.35	96.51%	100.00%
	RBC x10 ¹² /L	4.50	4.50-4.66	4.54	98.58%	100.00%
	HGB g/dL	13.4	13.6-14.0	13.4	98.17%	100.00%
	MCV fl	86.7	85.5-89.5	86.1	98.33%	100.00%
	PLT x 10 ⁹ /L	259	K252-276	254	94.01%	100.00%

This is to certify that the Mindray BC – 5380 Haematology Analyser with Serial No: RD – 26106447, Installed at Apollo institute of Medical Sciences & Research (Hyderabad) has been calibrated using the standard reference material PLUS0922 Calibrator.

Runned By :

M. Sathya

Date: 14/09/2022

Application Specialist-IVD
Golden Harvest Industries.



Reviewed By :

[Signature]

Date: 14/09/2022

Manager – Application
Golden Harvest Industries.

CALIBRATION CERTIFICATE

Certificate No: 4396

Customer : SRI VENKATESHWARA INSTITUTE OF MEDICAL SCIENCES
 Alipiri Road, Date Calibrated : 03/02/2021
 Tirupati, Working Temperature : 25 ± 1° C
 Andhra Pradesh, Due Date : 02/02/2022
 Instrument : Coagulation Analyzer Serial No : 106-AD-57000116
 Model : C2000-4
 Manufacturers : Beijing Precil Instrument Co., Ltd. (A MINDRAY Company)

Golden Harvest Industries is an organization dealing wide range of MINDRAY IVD Instruments. It has a Technically Qualified Technical Team to ensure trouble free operation. The Described instrument has been checked and calibrated under the ambient conditions stated above.

Power Supply			
UPS Supply	Expected reading	Measured reading	Remarks
Earth to Phase	230 ± 10 VAC	230 VAC	Within Limits
Neutral to Phase	230 ± 10 VAC	230 VAC	
Earth to Neutral	0 - 5 VAC	0 VAC	

Power Supply Unit	Expected reading	Measured reading	Remarks
12V DC	12V DC ± 1V DC	12.11V DC	Values are within Limits
24V DC	24V DC ± 2V DC	24.00V DC	

Test	Status	Remark
System Initialization	Normal	Nil
Display Check	Normal	Nil
Printer Check	Normal	Nil
Ball Dispenser Function	Normal	Nil
Key Pad Function	Normal	Nil
Pipette Function	Normal	Nil
Trigger Function	Normal	Nil

Description	Status	Remarks
Magnetic Ball Detection Calibration	Done	Nil
Sample Preheater Timer Calibration	Done	Nil
Pipette Trigger Switch Calibration	Done	Nil
Manual Timer Start Calibration	Done	Nil
Mixer Motor Calibration	Done	Nil
Test Strip Calibration	Done	Nil
Test Area Temperature Calibration	Done	Nil
Sample Pre-Warming Temperature Calibration	Done	Nil
Reagent Pre-Warming Temperature Calibration	Done	Nil

The Calibration includes:

Power: Checked the Input and Output Voltage of the Instruments by METRAVI Digital Multi Meter

Temperature: Checked the temperature monitor for Test, Sample Pre-Warming and Reagent Pre-Warming Area.

The above mentioned values are found to be with in the standard specified by **Beijing Precil Instrument Co., Ltd. (A MINDRAY Company) - CHINA.**

REMARKS/DEVIATIONS IF ANY:

1. The recalibration interval should be determined based on the user's requirements.
2. The user should determine the stability of the instrument for its intended use.
3. The results stated in this certificate relate only to the instrument calibrated.

Calibrated By

For *Velu DK*

Velu DK
Area Manager - Technical Support



Verified & Certified By

Sevuga Moorthy R
Manager - Technical Support