

## CALIBRATION CERTIFICATE

Date: 22/04/2023

This is to certify that **Mindray BS-380** Bio-chemistry analyzer (Sl. No. WS-9C003794) installed at **ACCURATE LAB,MAGRA** is calibrated as per the recommended procedures.

The system parameters as mentioned below were verified and necessary calibrations done as applicable.

### System temperatures:

Temperature Sensor	Temperature (°C )	Operating range (°C )
Reaction Carousel Temperature	37.0	36.7 to 37.3
Cuvette Cleaning Fluid Temperature	43.7	39.0 to 49.0
Cuvette Wash Solution Temperature	43.6	39.0 to 49.0

### Power Supply Units:

Power Supply	Measured (V&A)	Range (V&A)
+24Volts	24.03 V	20V to 30 V
+12Volts	11.98 V	11V to 14 V
AC Mains Input Voltage to the instrument	224 V	220V to 240V
Ground Voltage	1.2 V	<5 Volts

**Photometer Check:**

Wavelength (nm)	Absorbance	Remarks
340	11013	Well within range
380	10972	Well within range
412	9711	Well within range
450	9550	Well within range
505	9495	Well within range
546	9389	Well within range
570	9297	Well within range
605	9275	Well within range
660	9182	Well within range
700	9087	Well within range
740	8997	Well within range
800	8813	Well within range

The equipment is certified to be in good working condition and is ready for the intended use.

For,

Avantor Performance Materials India Limited.

*Aveek Sikdar*

**Aveek Sikdar (Customer Service Executive)**

Authorised Signatory



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## CALIBRATION CERTIFICATE

Date: 22.04.2023

This is to certify that the **Mindray BS-380** Biochemistry Analyzer (Sl. No. **WS-9C003794**) installed at **ACCURATE LAB, MAGRA** has been calibrated as per the recommended procedures. The system parameters are found to be within the specified ranges. The System has passed the performance tests. The system is ready for calibration of the Chemistries with the respective calibrators. The validation of the chemistry results have to be done with multi levels of commercially available controls.

Calibration validity: 12 Months

Last Calibration Done on: 22/04/2023  
Next Calibration Due on: 21/04/2024

For,  
Avantor Performance Materials India Limited.

*Aveek Sikdar*  
**Aveek Sikdar (Customer Service Executive)**  
Authorised Signatory