



CALIBRATION CERTIFICATE

Date: 14/05/2022

This is to certify that **Mindray BS-240** Bio-chemistry analyzer (Sl.No. YX -16004380) installed at **BHUMEE PATHOLOGY LAB PVT. LTD.** 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	44.1	39.0 to 49.0
Cuvette Wash Solution Temperature	44.6	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	8506	Well within range
380	8372	Well within range
412	8652	Well within range
450	8589	Well within range
505	7581	Well within range
546	7511	Well within range
570	7564	Well within range
605	7496	Well within range
660	7531	Well within range
700	7538	Well within range
740	7534	Well within range
800	7495	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.

Manas Kumar Ghosh
(Regional Service Manager)
Authorised Signatory



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Date: 14.05.2022

This is to certify that the **Mindray BS-240** Biochemistry Analyzer (Sl.No. YX-16004380) installed at **BHUMEE PATHOLOGY LAB PVT. LTD.** 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 must be done with multi levels of commercially available controls.

Calibration validity: 12 Months

Last Calibration Done on: 14/05/2022

Next Calibration Due on: 13/05/2023

For,
Avantor Performance Materials India Limited.

Manas Kumar Ghosh
(Regional Service Manager)
Authorised Signatory