

Date: 03-03-2023  
Effective Date: 03-03-2023

## Certificate of Calibration

**Customer Name: MEDICENTRE SONOGRAPHY & CLINICAL LAB, CHITTORGARH**

**Model : Fully Automated Biochemistry Analyzer EM 200**

**Serial No. : B200468**

**Calibration Done Date: 03-03-2023**

**Next Calibration Due Date : On or Before 02-03-2024**

**Lab In-charge: Mr. Kamlesh Jaiswal**

*This is to certify that the above-mentioned product has been verified of calibration for all biochemistry parameters.*



Calibration at site performed by

Mr. Nilesh Sharma  
Area Service Manager  
Ajmer.

Technical Service Department  
Transasia Bio-Medicals Ltd.  
Mumbai

Encl: Certificate of Inspection

Date: 03-03-2023  
Effective Date: 03-03-2023

## Certificate of Inspection

1. Model: Fully Automated Biochemistry Analyzer EM 200
2. Serial No.: B200468
3. Calibration Date: 03-03-2023
4. Material used: ERBA NORM , PATH, MULTICAL

*By comparing your data to the results of the standard counters in Erba Control, the calibration for all parameters using the measurement standard material was completed. Please refer to the attached sheets for the details.*

Technical Service Department  
Transasia Bio-Medicals Ltd.  
Mumbai

Date : 03-03-2023

Calibration Data:

1. Instrument Model & Sr. no. : EM 200, Sr. No. B200468
2. Range of the instrument: Optical density Linear form 0-3.5
3. Date of Calibration - 03-03-2023
4. Next Calibration due on - 02-03-2024

Test Points	Actual	Pass/ Fail
Logic 5 V	5 V	PASS
Line voltage 220+10%	225V	PASS
Lamp Voltage 12v	11.75V	PASS
RGT Temperature below 12°C	12°C	PASS
RCT Temperature 37°C +0.2	37°C	PASS
Sample/ Reagent tray Initialize	OK	PASS
Arm Initialize	OK	PASS
Rotor Tray Initialize	OK	PASS
Com port	Com 5	PASS
Arm Trough valve	OK	PASS
Arm Probe Clean Valve	Ok	PASS
Waste Pump	OK	PASS
Syringe Initialize	OK	PASS
Dead volume Calibration		PASS
Sample Tube 5-7 ml	350ul	PASS
Sample Cup 2 ml	100ul	PASS
Reagent 50ml Bottle	2000ul	PASS
Reagent 20 ml Bottle	1500ul	PASS
Reagent 5 ml Tube	500ul	PASS

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## 7. CALIBRATION DATA

Sr.No.	Filters	Gains	PASS/ FAIL
1	340	435	PASS
2	405	450	PASS
3	505	477	PASS
4	546	454	PASS
5	578	453	PASS
6	600	444	PASS
7	660	427	PASS
8	700	421	PASS

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