

Date: 25-01-2023
Effective Date: 25-01-2023

Certificate of Calibration

Customer Name: Medicentre Sonography & Clinical lab, Banswara

Model: Fully Automated Biochemistry Analyzer EM 200

Serial No.: B2001571-RR


Calibration Done Date: 25-01-2023

Next Calibration Due Date: On or Before 24-01-2024

Lab In-charge: Mr. MAHESH MERAWAT

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

Calibration at site performed by


Gunjan Kumar Pahad
Sr. Service Engg.
Udaipur

Technical Service Department
Transasia Bio-Medicals Ltd.
Mumbai

Encl: 1. Certificate of Inspection

Date: 25-01-2023
Effective Date: 25-01-2023

Certificate of Inspection

1. Model: Fully Automated Biochemistry Analyzer EM200
2. Serial No.: B2001571-RR
3. Calibration Date: 25-01-2023
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

7. CALIBRATION DATA

Sr.No.	Filters	Gains	PASS/ FAIL
1	340	549	PASS
2	405	576	PASS
3	505	543	PASS
4	546	610	PASS
5	578	523	PASS
6	600	575	PASS
7	660	454	PASS
8	700	433	PASS

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Mumbai

Calibration Data:

1. Instrument Model & Sr. no. : EM200, Sr. No.B2001571-RR
2. Range of the instrument: Optical density Linear form 0-3.5
3. Date of Calibration - 25, JAN, 2023
4. Next Calibration due on - 24 JAN, 2024

Test Points	Actual	Pass/ Fail
Logic 5 V	4.99V	PASS
Line voltage 220 \pm 10%	225V	PASS
Lamp Voltage 12v	11.9V	PASS
RGT Temperature below 12°C	12°C	PASS
RCT Temperature 37°C \pm 0.2	37°C	PASS
Sample/ Reagent tray Initialize	OK	PASS
Arm Assembly 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	OK	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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