

Date: 15-01-2023
Effective Date: 15-01-2023

Certificate of Calibration

Customer Name: Medicentre Diagnostics Chittorgarh

Model : Fully Automated Biochemistry Analyzer EM 200

Serial No. : B200468

Calibration Done Date: 15-01-2023

Next Calibration Due Date : On or Before 15-01-2024

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

Nilesh Sharma
Area Service Manager
Ajmer

Technical Service Department
Transasia Bio-Medicals Ltd.
Mumbai

Encl: 1. Certificate of Inspection

Date: 15-01-2023
Effective Date: 15-01-2023

Certificate of Inspection

1. Model: Fully Automated Biochemistry Analyzer EM200
2. Serial No.: B200468
3. Calibration Date: 15-01-2023
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.

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Calibration Data:

1. Instrument Model & Sr. no. : EM200, Sr. No.B200468
2. Range of the instrument: Optical density Linear form 0-3.5
3. Date of Calibration - 15, JAN, 2023
4. Next Calibration due on - 15 JAN, 2024

| Test Points | Actual | Pass/ Fail |
|---------------------------------|--------|------------|
| Logic 5 V | 4.99V | PASS |
| Line voltage 220±10% | 225V | PASS |
| Lamp Voltage 12v | 11.9V | 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 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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7. CALIBRATION DATA

| Sr.No. | Filters | Gains | PASS/ FAIL |
|---------------|----------------|--------------|-------------------|
| 1 | 340 | 550 | PASS |
| 2 | 405 | 594 | PASS |
| 3 | 505 | 575 | PASS |
| 4 | 546 | 622 | PASS |
| 5 | 578 | 512 | PASS |
| 6 | 600 | 527 | PASS |
| 7 | 660 | 462 | PASS |
| 8 | 700 | 460 | PASS |

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