



# Quality Certification & Laboratories

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## CALIBRATION CERTIFICATE

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Certificate No. : QCL/DEL/CAL/2302105001.10  
Date of Calibration: 10/06/2023  
Date of Receipt of Instruments: 10/06/2023

SRF No. : QCL/2302105001  
Suggested Due Date: 09/06/2024  
Date of Issue: 10/06/2023

### Customer Name & Address:

M/S: CNS HOSPITAL  
GATA NO 1982 BARABANKI-215122

### Description of Instrument:

Name :	Fully Automated Biochem. Analyzer	Range :	As Per Range
Make :	Erba	Least Count :	As Per Range
S. No. :	V200730	Accuracy :	-----
Model No. :	EM200	Performed at :	Site
Location:	Pathology (New Building)	Visual Inspection :	Ok
Customer ID:	CNS/FABA/01	Zero Error :	Nil

### Environmental Condition:

Temperature : 25°C ± 5°C      Humidity : 45 % to 75%

### Methodology of Calibration:

Reference Standard : IEC-60601/62353, IEC-60601-2-20      Work Instruction No. : QCL/WI/MED/17

### Standard & Major Equipment (s) Used for calibration:

S. No	Instrument Name	Make	S. No./Model No.	Certificate No.	Calibrated By	Valid Upto
1.	Electrical Safety Analyzer/ESA 609	Fluke	QCL/DEL/MED/014, 5188045	TSC/21-22/17900-3	Transcal	15.03.2023

### Calibration Result:

#### Electrical Safety Test as per IEC-60601

Sr. No.	Parameter	Unit Of Measurement	Measured Value	Uncertainty of Measurement
1	Protective Earth Resistance	Ω	0.132	± 7.72%
2	Earth Leakage Current (NC)	μA	107.2	± 1.81%
3	Earth Leakage Current (SFC)	μA	190	± 1.88%
4	Enclosure Leakage Current (NC)	μA	2.9	± 5.86%
5	Enclosure Leakage Current (SFC)	μA	10.2	± 1.69%
8	Insulation Resistance (MΩ)	MΩ	61.8	± 8.29%

(The reported expanded Uncertainty in measurement is stated as the standard uncertainty in measurement multiplied by the coverage factor k = 2, which for a normal distribution corresponds to a coverage probability of approximately 95%)

### Note:

- \*The calibration results reported in this calibration certificate are valid at the time of & under stated conditions of measurement.
- \*This certificate cannot be reproduced except in full without our prior permission in writing.
- \*This certificate refers only to the particular item (s) calibrated.
- \*Laboratory standard are traceable to national standards
- \*DUC: Device Under Calibration.
- \*Is not in our NABL Scope Of Accreditation

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