



## CERTIFICATE OF CALIBRATION/ VERIFICATION

**Customer Name** : Likhitha Diagnostics and Speciality LAB  
**Department** : BIOCHEMISTRY  
**Model** : Fully Automated Bio-chemistry Analyzer-EM 200  
**Serial Number** : 2002005  
**Calibration Date** : 23-10-2021  
**Next Calibration due on or before** : 22.10.2022

**Calibrator Used:** Multical Lot : 2105079, HDL CAL-Lot :45698

**Quality Control Used:** Biorad L1:26491 ,Biorad L2:26492

This is to certify that the above mentioned instrument has been verified of calibration according to the procedures provided by the manufacturer in the reference manual.

The reference instruments used for value assignment are managed by the traceability systems with the manufacturer and these are traceable to international standards.

### General Parameters:

Parameter	Measured Value	Acceptable Range	
Line Voltage	231 V	230 V +/- 5%	Pass
Logic Voltage	5.0 V	4.9 V to 5.1 V	Pass
Lamp Voltage	11.9 V	11.8 V to 12.2 V	Pass
Flow cell Temperature	37.0 deg	37 +/- 0.5	Pass
45 Cuvette blank value for all filter	Enclose valuesheet for all cuvette	Abs 0.03-0.2	Pass



## Photometer Filter Gain Levels: Attached Instrument Print

s.no	Filter Value in nm	Filter Gain in mv	Acceptable Range of gain
1	340	469	200 mv to 800 mv
2	405	430	200 mv to 800 mv
3	505	460	200 mv to 800 mv
4	546	469	200 mv to 800 mv
5	578	497	200 mv to 800 mv
6	600	460	200 mv to 800 mv
7	660	464	200 mv to 800 mv
8	700	464	200 mv to 800 mv

*Kalyanhalder*

Technical Service Department

Transasia Bio-medical Limited