



Calibration Certificate

**GLOBAL PATHOLOGY CENTRE
C-16 HARI NAGAR NEAR
CANARA BANK
NEW DELHI:-110064**

Date: 06th June'2022

Dear Sir/ Madam,

As desired by you please find herewith the Calibration report of EM 200.

1. Sr. No. **S200675**
2. Range of the instrument: Optical density Linear form 0-3.5 A
3. Precision & Accuracy study on EM-200

This instrument is manufactured in accordance with the European law in force, in particular to "Electricity Safety" EN 61010 1 and "Electromagnetic Compatibility" EN 61326 Standards.

Pressure	Ideal	Actual
	0.9 bar	0.85 bar
Lamp Voltage	12 V	12.06V
Temperature	37 ⁰ C	37 ⁰ C

Photometer Calibration Check	Ok
Cuvette Blank Check	Ok

Wavelength	Gain
340	538
405	563
505	517
546	510
578	542
600	400
660	435
700	426

The instrument does photometer check before each batch of tests is run. It will give an error message if the photometer test fails and it will not run any samples.

Thanking you and assuring of our prompt attention at all times.

Yours faithfully,

For TRANSASIA BIO-MEDICALS LTD

MANISH KUMAR CHHABRA
Dy. Regional Service Manager





Date: 06th June'2021

Calibration Certificate

This is to certify that the Fully Automatic Biochemistry Analyser Erba EM200
Sr. No.- **S200675** Installed at

GLOBAL PATHOLOGY CENTRE
C-16 HARI NAGAR NEAR
CANARA BANK
NEW DELHI:-110064

Has been fully calibrated and QC have been run and found to be in range.
The calibration data is enclosed.

For Transasia Biomedicals Ltd

Amol Rohatgi
Dy. Regional Service Manager

Calibration Data

Diffraction Grating Data:				
Sr. No.	Filter	Gain Range	Measured Value	Ok Yes/No
	340	350-900	570	OK
	405	350-900	502	OK
	505	350-900	530	OK
	546	350-900	442	OK
	578	350-900	417	OK
	600	350-900	525	OK
	660	350-900	485	OK
	700	350-900	496	OK
Reagent Tray Temperature:				
		Range	Measured Value	Ok Yes/No
		4 -12 ° C	10°C	OK
Reaction Cuvette Tray Temperature:				
		Range	Measured Value	Ok Yes/No
		36.9 -37.1 °C	37.0	OK
Water Pressure:				
		Range	Measured Value	Ok Yes/No
		0.9 – 1.1 bar	1.0 bar	OK
Lamp Voltage:				
		Range	Measured Value	Ok Yes/No
		11.9 – 12.1 v	12.0 v	OK
Cuvette Blank:				
		Range	Measured Value	Ok Yes/No
		0.01 – 0.10	All in Range	OK



Calibration Data

Sample Syringe :				
		Dispensed	Measured Value	Ok Yes/No
Dispense Volume	2µl	2µl	2µl	Ok
Dispense Volume	70µl	70 µl	70µl	Ok
Reagent Syringe :				
		Dispensed	Measured Value	Ok Yes/No
Dispense Volume	50µl	60µl	60µl	Ok
Dispense Volume	300µl	300µl	300µl	Ok

For Transasia Biomedicals Ltd



Amol Rohatgi
Dy. Regional Service Manager