



Dt: 5th June 2023

Calibration Certificate

This is to certify that the Fully Automatic Biochemistry Analyser EM200 Sr. No.-S200675 Installed at Global Pathology Centre, Hari Nagar, New Delhi-110064 The calibration value of filter Gain, Photometers and all other values have been checked and found well within the limit.

*Has been fully calibrated and this calibration is valid till 5 June 2024
The calibration data is enclosed.*

For Transasia Biomedicals Ltd

Amit Pal
Application Manager



Calibration Data

PHOTOMETER CHECK:				
Sr. No.	Filter	Gain Range	Measured Value	Ok Yes/No
	340	350-900	499	OK
	405	350-900	546	OK
	505	350-900	401	OK
	546	350-900	438	OK
	678	350-900	446	OK
	630	350-900	416	OK
	670	350-900	423	OK
	700	350-900	452	OK
Reagent Tray Temperature:				
		Range	Measured Value	Ok Yes/No
		4 -12 ° C	8°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 ~ 0.2	All in Range	OK

For Transasia Biomedicals Ltd

Amit Pal
Application Manager

Print Entry(F2)

Parameter(F3)

Men / Calc(F4)

Calibration(F5)

Statistics(F6)

Use Monitor(F7)

Search(F8)

Reports(F9)

Master

Utility(F11)

Service Check

Settings

Hibernate

Shut Down

Help (F1)

Maintenance **Calibrate** Maintenance Log

SPAN

MANUAL SPAN AUTO SPAN

Wavelength	Gain	Cuv : 01	Gain Value	OK	Out of Range
340	405	505	546	600	700
499	546	401	438	446	416
				423	452

START

WASH

WASH MAINTENANCE COMMANDS
 CUVETTE RINSE
 WATER SAVE
 AUTO WASH
 PROBE WASH
 PRIME WASH

START

DEAD VOLUME CALIBRATION

SELECT CONTAINER TYPE
 Sample TUBE (10 ml) Pos.3
 Sample CUP (2 ml) Pos.2
 Sample TUBE (5-7 ml) Pos.1
 Sample STD CUP (500 µl) Pos.1-1
 Reagent Inner Pos.1
 Reagent Outer Pos.2
 Reagent 5ml Adaptor Pos.3

CALIBRATE
 DEFAULT
 STOP

MAINTENANCE ERRORS

S.N. ERROR MESSAGE

AUTO MAINTENANCE

START-UP

SHUTDOWN

START

EC