

TRANSASIA®

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Date: 12-05-2023

Calibration Certificate


*This is to certify that the Fully Automatic Biochemistry Analyzer Erba EM-200
Sr. No.-B200146 Installed at:*

*Patliputra Clinical Lab
Samaypur, New Delhi-110042.*

*Calibration Done:- 12-05-2023
Calibration Due :- 11-05-2024*

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

For Transasia Biomedicals Ltd.

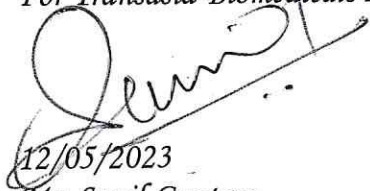


Mr. Sunil Gautam

Calibration Data

Diffraction Grating Data:				
Sr. No.	Filter	Gain Range	Measured Value	Ok Yes/No
	340	350-900	455	OK
	405	350-900	488	OK
	505	350-900	455	OK
	546	350-900	427	OK
	578	350-900	423	OK
	600	350-900	383	OK
	660	350-900	370	OK
	700	350-900	389	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 – 0.10	All in Range	OK

For Transasia Biomedicals Ltd.



12/05/2023

Mr. Sunil Gautam

Sr. Service Engineer

SPAN

MANUAL SPAN
 AUTO SPAN
 Cuv : 01
 Gain Value
 OK
 Out of Range

Wavelength	340	405	505	546	578	600	660	700
Gain	455	488	455	427	423	383	370	389

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

AUTO MAINTENANCE

START-UP
 SHUTDOWN
 START

MAINTENANCE ERRORS

S.N.	ERROR MESSAGE	EC

My Laboratory Name

My Laboratory Address1

Calibration Monitor

No.	Test	Curve Type	Type	Consumable	Lot #	Conc.	Abs	Factor	Calib Exp. (Days)	Acceptable Limit
1	AMY	Linear	BLANK	BLANK	0	0.000	0.0002	0.0000	0	15
		Linear	STD1	MULTICAL	2204083A	184.000	0.0589	3131.9150	0	15
2	BIT	Linear	BLANK	BLANK	0	0.000	-0.0022	0.0000	0	15
		Linear	STD1	MULTICAL	2204083A	4.540	0.1528	29.2998	0	15
3	CA	Linear	BLANK	BLANK	0	0.000	0.2567	0.0000	0	15
		Linear	STD1	MULTICAL	2204083A	10.300	0.6019	29.8464	0	15
4	CHOL	Linear	BLANK	BLANK	0	0.000	0.0320	0.0000	0	15
		Linear	STD1	MULTICAL	2204083A	155.000	0.2822	619.6282	0	15
5	CRENZ	Linear	BLANK	BLANK	0	0.000	0.0081	0.0000	0	15
		Linear	STD1	MULTICAL	2204083A	3.840	0.0872	48.5461	0	15
6	GLU	Linear	BLANK	BLANK	0	0.000	0.0628	0.0000	0	15
		Linear	STD1	MULTICAL	2204083A	200.000	0.6791	324.4909	0	15
7	LDH	Linear	BLANK	BLANK	0	0.000	0.0001	0.0000	0	15
		Linear	STD1	MULTICAL	2005093	510.000	-0.0570	-8939.5264	0	15
8	LDL	Linear	BLANK	BLANK	0	0.000	0.0013	0.0000	0	15
		Linear	STD1	LDL CAL	123	73.900	0.1146	652.2507	0	15
9	SGPTD	Linear	BLANK	BLANK	0	0.000	0.0000	0.0000	0	15
		Linear	STD1	MULTICAL	2204083A	88.800	-0.0260	-3421.9653	0	15

My Laboratory Name

My Laboratory Address1

Calibration Monitor

No.	Test	Curve Type	Type	Consumable	Lot #	Conc.	Abs	Factor	Calib Exp. (Days)	Acceptable Limit
10	TRIG	Linear	BLANK	BLANK	0	0.000	0.0107	0.0000	0	15
		Linear	STD1	MULTICAL	2204083A	140.000	0.2497	585.8966	0	15
11	UA	Linear	BLANK	BLANK	0	0.000	0.0094	0.0000	0	15
		Linear	STD1	MULTICAL	2204083A	5.430	0.0843	72.4967	0	15
12	UREA	Linear	BLANK	BLANK	0	0.000	-0.0259	0.0000	0	15
		Linear	STD1	MULTICAL	2204083A	100.000	-0.1484	-815.9934	0	15
13	CRPT	Linear	BLANK	BLANK	0	0.000	0.0023	0.0000	0	15
		Linear	STD1	CAP CAL	123	63.000	0.6247	101.2292	0	15
14	RFT	5P Calibration Logit- Log	BLANK	BLANK	0	0.000	-0.0001	0.0000	0	0
		5P Calibration Logit- Log	STD1	RF CAL	123	4.531	0.0099	453.1000	0	0
		5P Calibration Logit- Log	STD2	RF CAL	123	2.266	0.0118	190.4202	0	0
		5P Calibration Logit- Log	STD3	RF CAL	123	1.133	-0.0005	-2832.4998	0	0
15	LDLM	Linear	BLANK	BLANK	0	0.000	0.0011	0.0000	0	15
		Linear	STD1	LDL CAL	123	73.900	0.3609	205.3348	0	15
16	CHOL2	Linear	BLANK	BLANK	0	0.000	0.0801	0.0000	0	15
		Linear	STD1	MULTICAL	2204083A	155.000	0.3387	599.4972	0	15
17	TG2	Linear	BLANK	BLANK	0	0.000	0.0225	0.0000	0	15
		Linear	STD1	MULTICAL	2204083A	133.000	0.2493	586.4197	0	15