

Ref No. TS/SBP/5789

Date : 1st SEP'2020

PGM DIAGNOSTICS CENTRE.

Shop no.41/41, G-wing, Gokul Nagari 2, WEH, Datani Road , Kandivali East.

Mumbai- 400 101.

Dear Sir/ Madam ,

As desired by you please find herewith the Calibration report

1. Year of manufacturing : 1ST SEP 2020 Sr No.B200806
2. Range of the instrument : Optical density Linear form 0-3.5 A
3. Precision & Accuracy study on EM200
4. Date of calibration : 1th SEP 2020
5. Due Date of Calibration: 31st AUG 2021

Precison with Potassium Dichromate ($K_2Cr_2O_7$)

Reagent / Sample ratio -

Cup Position	Replicates	Absorbance (X)	SD	CV
Cup 1	20	1.5438 OD	0.0054	0.40%
Cup 2	20	1.5438 OD	0.0052	0.42 %
Cup 3	20	1.5449 OD	0.0047	0.38%

Accuracy study with Potassium Dichromate ($K_2Cr_2O_7$) in comparision with EM200

Wavelengths scan on Referral Spectrophotometer for Potassium Dichromate ($K_2Cr_2O_7$)

Wavelength	Spectrophotometer OD	
	Low	High
340	0.1874	1.7437
405	0.1902	1.7803
456	0.1936	1.8217
505	0.1976	1.8629
546	0.2021	1.9055
578	0.2009	1.9479
600	0.2115	1.9875
670	0.2163	2.0226

Test of Potassium Dichromate ($K_2Cr_2O_7$) on EM200

Pipetted / Measured by EM200		Manually Pipettes XL		Manually pipetted & read in Autospan	
Low	High	Low	High	Low	High
0.2005	1.8670	0.1975	1.8710	0.2025	1.7630

This instrument is manufactured in accordance with the European law in force, in particular to "Electricity Safety" EN 610101 and "Electromagnetic Compatibility" EN 61326 Standards.

Pressure	Ideal	Actual
	0.9 bar	0.89 bar
Lamp Voltage	12 V	12.07V
Temperature	37 ^o C	37 ^o C

Photometer Calibraion Check	Ok
Cuvette Blank Check	Ok

Wavelength	Off Set	Gain
340	255	476
405	255	487
480	255	479
505	255	473
546	255	494
576	255	485
600	255	476
670	255	496

The Calibrator used: True Cal
Lot No: 121829
Expiry Date: FEB 2021

The Control used : Bio-Rad (levl1,level2)
Lot No : 16712,17352
Expiry date : 2021 Nov

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.



REGIONAL SERVICE MANAGER

TBM/TSD/RC-165/20-21
Date: 12/12/2020

Calibration Certificate

The EasyLyte displays analysis results automatically. It is a Self Calibrated analyzer. It is programmed to Calibrate every four hours.

Calibration is automatic, but can be performed on demand. A unique solutions pack contains standard solutions to calibrate the analyzer. The disposable solutions pack also contains a waste receptacle for spent samples and solutions, eliminating the need to handle biological waste materials.

Calibration values are the electrode response values (slopes) during the last calibration. Acceptable ranges are as follows:

Na+: 50-64

K+: 50-64

Cl-: 40-64

Li+: 50-66

Ca++: 20-34

pH: 45-64



Ravi Chavan
Regional Service Manager
Technical Service Department
Transasia Bio-Medicals Ltd.

MultiXL----Result Reprint----23-Feb-2021 15:33:55

Date wise ---> From: 01-Sep-2020 --- To: 01-Sep-2020

Report Type ---> Patients

Test ---> ALL

Sample ID ---> ALL

PGM DIAGNOSTICS

F-41/42, Gokul Nagari-II,
Dattani Rd , Western Express Highway,
Thakur Village, Kandivali (East),
Mumbai-401 Ph No 7506003010

Sr #	Sample ID	Patient Name	Test	Result	Unit	Flag	Result Date
1	sandeep fbs		GLU	176.9	mg/dl	H	09/01/2020 11:35
2	sandeep		SGPTD	27.2	U/L		09/01/2020 11:35
3	sandeep		CRENZ	1.37	mg/dl		09/01/2020 11:36
4	sandeep hba1c		HBA1E	6.4	%	H	09/01/2020 11:36
5	sandeep hba1c		MBG	137	mg/dl		09/01/2020 11:36
6	vijay jadhav fbs		GLU	107.3	mg/dl	H	09/01/2020 11:37
7	vijay jadhav		SGPTD	50.2	U/L	H	09/01/2020 11:37
8	vijay jadhav		GOTHL	26.8	U/L		09/01/2020 11:38
9	vijay jadhav		PROTE	8.42	g/dl	H	09/01/2020 11:39
10	vijay jadhav		ALPE	57	U/L		09/01/2020 11:39
11	vijay jadhav		CRPE	2	mg/l		09/01/2020 11:40
12	dharmakant		SGPTD	18.9	U/L		09/01/2020 11:40
13	dharmakant		GOTHL	13.5	U/L		09/01/2020 11:40
15	dharmakant		PHOS	2.37	mg/dl	L	09/01/2020 11:41
16	dharmakant		BID	0.11	mg/dl		09/01/2020 11:41
17	dharmakant		CRENZ	0.96	mg/dl		09/01/2020 11:42
18	dharmakant		UA	3.8	mg/dl		09/01/2020 11:42
19	dharmakant		ALB	3.47	g/dl	L	09/01/2020 11:43
20	dharmakant		PROTE	7.5	g/dl		09/01/2020 11:43
21	dharmakant		ALPE	36	U/L	L	09/01/2020 11:43
22	dharmakant fb		GLU	149.4	mg/dl	H	09/01/2020 11:44
23	krishna		CRPE	30.8	mg/l	H	09/01/2020 11:44
24	vijay jadhav		GGT	63.1	U/L		09/01/2020 11:44
25	vijay jadhav		BIT	0.47	mg/dl		09/01/2020 11:45
26	vijay jadhav		ALB	4.23	g/dl		09/01/2020 11:45
28	shivaji jadhav		CRENZ	0.48	mg/dl		09/01/2020 11:46
29	shivaji jadhav		CRPE	49.8	mg/l	H	09/01/2020 11:47
33	manju		UA	NA	mg/dl		09/01/2020 11:47
34	vaishali fbs		GLU	91.1	mg/dl		09/01/2020 11:47
35	chinadevi fbs		GLU	129.7	mg/dl	H	09/01/2020 11:49
36	naman		SGPTD	16.7	U/L		09/01/2020 11:50
37	naman		GOTHL	16.8	U/L		09/01/2020 11:50
38	naman		GGT	14.1	U/L	F	09/01/2020 11:51
39	naman		PHOS	3.62	mg/dl		09/01/2020 11:51
40	naman		BID	0.32	mg/dl	H	09/01/2020 11:51
41	naman		BIT	0.86	mg/dl		09/01/2020 11:51
42	naman		UREA	35.6	mg/dl		09/01/2020 11:52
43	naman		CRENZ	0.73	mg/dl		09/01/2020 11:52
44	naman		TRIG	67.4	mg/dl		09/01/2020 11:52
45	naman		HDLC	58.2	mg/dl		09/01/2020 11:53
46	naman		UA	5.7	mg/dl		09/01/2020 11:53
47	naman		ALB	4.95	g/dl		09/01/2020 11:53

MultiXL---Result Reprint---23-Feb-2021 15:28:36

Date wise ---> From: 01-Sep-2020 --- To: 01-Sep-2020

Report Type ---> Controls

Test ---> ALL

Consumable ---> ALL

Sr #	Lot #	Consumable	Test	Result	Unit	Flag	Result Date	Curve #	Mean	SD	Interval (2SD)
1	S071915A	ERBA NORM	SGPTD	38.3	U/L		09/01/2020 11:31	43990	39.37	39.37	1.97 33.46 - 45.28
2	S071915A	ERBA NORM	GOTHL	34.6	U/L	-1SD	09/01/2020 11:31	43991	38.16	38.16	1.91 32.43 - 43.89
3	S071915A	ERBA NORM	GGT	42.3	U/L		09/01/2020 11:31	43992	43.29	43.29	2.89 34.62 - 51.96
4	S071915A	ERBA NORM	PHOS	4.8	mg/dl	+1SD	09/01/2020 11:32	43993	4.37	4.37	0.22 3.71 - 5.03
5	S071915A	ERBA NORM	BID	0.45	mg/dl	-1SD	09/01/2020 11:32	43994	0.58	0.58	0.1 0.28 - 0.88
6	S071915A	ERBA NORM	BIT	1.22	mg/dl	-1SD	09/01/2020 11:32	43995	1.46	1.46	0.12 1.1 - 1.82
7	S071915A	ERBA NORM	UREA	59.2	mg/dl	+3SD	09/01/2020 11:33	43996	38.3	38.3	1.92 32.54 - 44.06
8	S071915A	ERBA NORM	CRENZ	0.93	mg/dl	-2SD,CAL*	09/01/2020 11:33	43997	1.06	1.06	0.06 0.88 - 1.24
9	S071915A	ERBA NORM	GLU	95.8	mg/dl		09/01/2020 11:33	43998	95.15	95.15	2.89 86.48 - 103.82
10	S071915A	ERBA NORM	TRIG	114.3	mg/dl		09/01/2020 11:33	43999	110.73	110.73	5.54 94.11 - 127.35
11	S071915A	ERBA NORM	UA	5.6	mg/dl		09/01/2020 11:34	44000	5.91	5.91	0.6 4.11 - 7.71
12	S071915A	ERBA NORM	ALB	3.73	g/dl		09/01/2020 11:34	44001	3.71	3.71	0.19 3.14 - 4.28
13	S071915A	ERBA NORM	PROTE	6.39	g/dl	0	09/01/2020 11:34	44002	5.65	5.65	0.28 4.81 - 6.49
14	S071915A	ERBA NORM	ALPE	97	U/L	-2SD	09/01/2020 11:35	44003	115	115	7.67 91.99 - 138.01

PGM DIAGNOSTICS
 E-41/42, Gokul Nagari-II,
 Attani Rd., Western Express Highway,
 Thakur Village, Kandivali (East),
 Mumbai-101. Ph.No 7506003919