



Date : November 24, 2023

**Redcliffe Lifetech Private Limited,
Jammu.**

Dear Sir,

As desired by you please find enclosed herewith the Calibration report

1. Instrument & Serial No.: **Erba EM-200-Serial No.2002613.**
2. Range of the instrument: Optical density Linear form 0-3.5 A
3. Precision & Accuracy study on EM-200 done on 24-11-2023 & valid upto 23-11-2024.

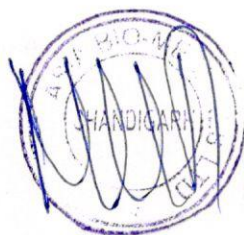
Precision with Potassium Dichromate ($K_2Cr_2O_7$)

Reagent / Sample ratio -

Cup Position	Replicates	Absorbance (X)	SD	CV
Cup 1	20	1.5635 OD	0.0055	0.48%
Cup 2	20	1.5862 OD	0.0069	0.54%
Cup 3	20	1.5981 OD	0.072	0.50%

Accuracy study with Potassium Dichromate ($K_2Cr_2O_7$) in comparison with EM-200

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



Contd..2



::2::

Wavelength	Spectrophotometer OD	
	Low	High
335	0.1884	1.7289
336	0.1963	1.7320
337	0.1985	1.7643
338	0.2021	1.7820
339	0.2043	1.8102
340	0.2085	1.8329
341	0.2120	1.8761
342	0.2186	1.9025
343	0.2203	1.9432
344	0.2258	1.9820
345	0.2305	2.0345



Contd...3



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Test of Potassium Dichromate (K₂Cr₂O₇) on EM-200

Pipetted/Measured by EM 200		Manually Pipettes EM		Manually pipetted & read in Autospan	
Low	High	Low	High	Low	High
0.2031	1.8200	0.1860	1.8683	0.2112	1.9531

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	0.92bar
Lamp Voltage	12 V	12.01 V
Temperature	37 ^o C	37 ^o C

Photometer Calibraion Check	Ok
Cuvette Blank Check	Ok

Wavelength	Off Set	Gain
340	NA	681
405	NA	479
505	NA	565
546	NA	481
578	NA	543
600	NA	420
660	NA	379
700	NA	433



Contd...4



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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,

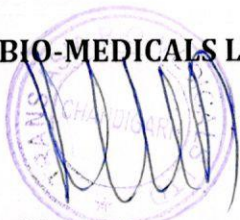
For **TRANSASIA BIO-MEDICALS LTD.**

Suresh Sharma

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Calibration - EM 200

Test : HA1cD

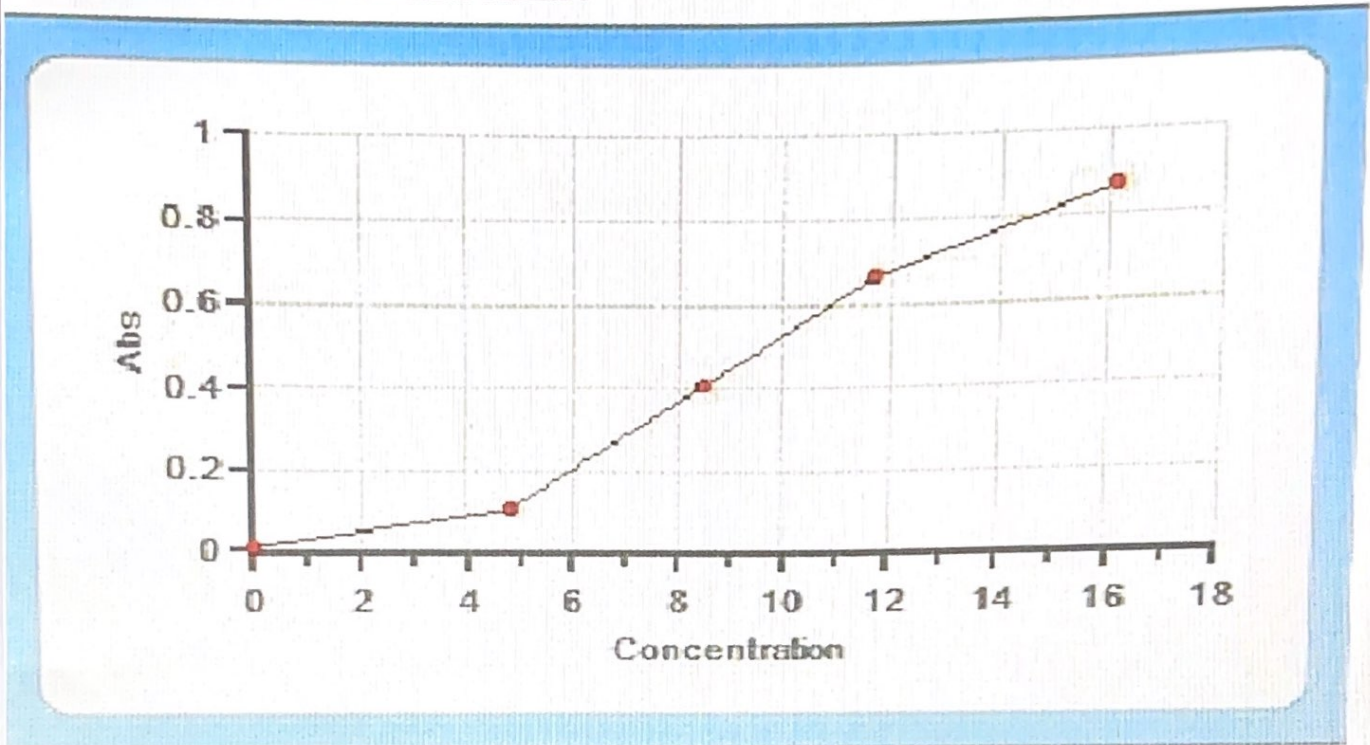
Curve Type : Point-To-Point

R1 Lot No : S112380-346

Calibration Date : 23-Feb-2024 14:22:04

R2 Lot No : S112380-346

Test Calibration Date : 23-Feb-2024 14:22:04



Pos	Consumable	LotNo.	Conc	Abs	Factor
	BLANK HBA1C	245477	0.000	0.0091	0.0000
5	CAL HBA1C 1	2457775	4.800	0.1035	50.8475
	CAL HBA1C 2	2454775	8.500	0.4079	21.3139
	CAL HBA1C 3	2454775	11.700	0.6669	17.7866
8	CAL HBA1C 4	2454775	16.100	0.8710	18.6797

[Handwritten Signature]

Result Reprint

Report Type Controls 14-Mar-2024

Sl #	Lot #	Consumable	Test	Result Unit	Flag	Curve #	Result Date	Mean	SD	Interval (3SD)
1	85851	CONTROL 1HBA1CL	HA1cD	5.0 %		268442	14-Mar-2024 10:45:09	5.045	0.230	4.355 - 5.735
2	85852	CONTROL 2HBA1CH	HA1cD	10.6 %		268443	14-Mar-2024 10:45:26	9.895	2.420	2.635 - 17.155

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