

September 15, 2023

CALIBRATION CERTIFICATE

Amster Speciality Laboratory
Perumpadappa
Puthanpalli

1. Model Name & Sr. No : . EM 200- Sr No. .2002663
2. Range of the instrument: Optical density Linear form 0-3.5 A
3. Precision & Accuracy study on EM 200
4. Calibration done on : 15.9.2023
Calibration Due Date: 14.9.2024

Reagent / Sample ratio -

Cup Position	Replicates	Absorbance (X)	SD	CV
Cup 1	20	1.641 OD	0.0044	0.38%
Cup 2	20	1.646 OD	0.0046	0.40 %
Cup 3	20	1.643 OD	0.0045	0.39%

Test of Potassium Dichromate ($K_2Cr_2O_7$) on EM 200

Pipetted / Measured by EM 200		Manually Pipettes EM 200		Manually pipetted & read in Auto span	
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.

	Ideal	Actual
Pressure	0.9 bar	0.93bar
Lamp Voltage	12 V	12.07V
Temperature	37 ⁰ C	37 ⁰ C

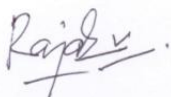
Photometer Calibration Check	Ok
Cuvette Blank Check	Ok

Wavelength	Off Set	Gain
340	255	770
405	255	569
505	255	486
546	255	490
578	255	500
600	255	483
660	255	489
700	255	437

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



Sandeep Das M
Sr Area Service Manager