

# RATHNA SCIENTIFIC SUPPLIERS

JOY HOMES APARTMENTS, C-BLOCK F 1, MUDICHUR, CHENNAI - 48.

GST NO. : 33CELPR2236E1ZM

MOBILE: 9841979396/ 9840194600,

E-MAIL : RATHANSCIENTIFICSUPPLIERS@GMAIL.COM

## Photometric Accuracy :

The readings of the absorbance are taken of following standard filters at the frequency of 546nm.  
The results are compared with its range.

Range of the Instrument : Optical Density linear from 0 to 3.0

Std Absorbance	Measured Absorbance	Range
0.35	0.36	0.300-0.400
0.72	0.70	0.65-0.75
2	2.2	2.0-2.50

Control Date :



QC Department

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## CALIBRATION REPORT

1. Instrument - Bio-Chemistry Analyzer
2. Model - Erba Chem -5 Plus-V2
3. S.no. - N / 20515
4. Date of Calibration - 27/11/2020 Next Calibration date : 26/11/2021

## TEST PARAMETERS

Test Parameters	Actual Parameters	Ok / Not Ok
Lamp voltage - 6.V	6.0 V	Ok
SMPS Voltage - 12.3V	12.0 V	Ok
Flow cell temperature	25°C    30°C    31°C	OK
Pump Calibration	3500 - 4500	OK

sl.no.	Filters	AD (optional)	Gain Voltages (optional)	OFF SET (Optional)
1	340nm	50627	14	32
2	405nm	49834	11	25
3	450nm	52551	20	46
4	505nm	50663	7	16
5	546nm	45199	3	7
6	578nm	51041	6	17
7	630nm	42315	2	5