

# RATHNA SCIENTIFIC SUPPLIERS

JOY HOMES APARTMENTS, C-BLOCK F 1, MUDICHUR, CHENNAI - 48.  
GST NO. : 33CELPR2236E1ZM

MOBILE: 9841979396/ 9840194600,

E-MAIL : RATHANSIENTIFICSUPPLIERS@GMAIL.COM

## CALIBRATION REPORT

1. Instrument - DIGITAL PHOTOCOLORIMETER  
2. Model - ALPHA 03  
3. S.no. - 19030690  
5. 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	-----	Ok
SMPS Voltage - 12.3V		OK
Flow cell temperature		

sl.no.	Filters	AD (optional)	Gain Voltages (optional)	OFF SET (Optional)
1	340nm			
2	405nm			
3	450nm			
4	505nm			
5	546nm			
6	578nm			
7	630nm			

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## 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
0.27	0.28	100 - 120
0.40	0.42	11 - 16

Control Date :



QC Department