

Assignment 6.3:

Spectrophotometers

Watch the video in the link below and answer the following portfolio questions in your notebook.

1. Beta-Carotene, the orange color in carrots, absorbs what colors of light? If our samples of algae are green, what color of light should we use in our spectrophotometer?
2. What do you need to worry about in the design of your spectrophotometer? (See if you can add anything to the list in this video.)
3. Why do we need to calibrate our spectrophotometers?

Spectrophotometer Introduction

<https://www.youtube.com/watch?v=08QcvGbMS6c>

Developed through a partnership between the University of Utah College of Engineering
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