

Glossary

- **Absorbance:** The intensity of light at a specific wavelength that passes through a sample.
- **Blank/Transparent:** The sample used to calibrate the zero end of the absorbance scale
- **Concentration:** The abundance of a constituent divided by the total volume of a mixture
- **Light Production:** Light of whichever wavelength that is set shone from the spectrophotometer through the sample.
- **Sample:** The solution that needs to be measured.
- **Sample Holder:** The slot on the top left side of the spectrophotometer that is where you place the test tube with the liquid that you want to find the absorbance of.
- **Spectrophotometer:** A machine used to find the absorbance of a sample by shining a light through it of a specific wavelength.
- **Test Tube:** Glass tube used to contain solution is open at the top and U shaped on the bottom.
- **Transmittance:** The fraction of light in the original beam that passes through the sample and reaches the detector