**Qualitative Observations (1.5 pts)**

* Is Question #3 correct?
* Is Question #5 correct?

**Raw Data Table (5 pts)**

* Did I include appropriate uncertainties for my raw data?
* Did I include measurements of the wave speed and amplitude?
* Do I have an appropriately descriptive title that provides context for the lab data?
* Do I have appropriate table numbers sequentially?
* Do I have each column properly labeled with correct headings?
* Are my column headings distinct from the table contents?
* Do I have correct units that are ONLY in the column headings?
* Are both of my trials nested under the appropriate heading?
* Do I have no calculated values in table my raw tables?
* Do I have appropriate significant figures (all tables)?
* Do I have the same level of precision throughout the data set?
* Are my tables typed and formatted so it is clear and easy to interpret?

**Data Analysis (2 pts)**

* Did I include Table 2 with all required calculated values?
* Does Table 2 have appropriate formatting (title, #, units, column headings)?
* Have I included equations used in variable form?
* Have I included a correct sample calculation for period with units in my final answer?

**Graph: Relationship between Wavelength and Period (5 pts)**

* Do I have an appropriately descriptive title that provides context for the lab data?
* Do I have an appropriate graph number?
* Do I have appropriate labels on each axis?
* Are my variables on the correct axis?
* Have I included proper units on each axis label?
* Are my axes scaled appropriately for data set?
* Did I include a best fit trend line/curve that matches the trend of data?
* Did I include an equation for trend line (with physics variables and units)?
* Did I include the slope for my graph with proper units included?
* Is my graph formatted so it is clear and easy to interpret using LoggerPro?

**Analysis** **Questions (1.5 pts)**

* Is Analysis Question #9a correct?
* Is Analysis Question #9b correct with my work shown?