

RUBRIC • Atomic Structure and Spectra

Failure to upload the rubric to Canvas, with your name and instructor's signature on it, will result in receiving a zero grade for this experiment.

Student name: Max Stetter

Instructor signature: 

Category	Possible points	Earned points
Title Page (2)		
Title, your name, your lab partner's name, date of experiment	2	
Results (70)		
Table 1. Flame test observations	7	
Correctly identifies unknown metals	6	
Table 2. Spectroscope Calibration (p.3)	4	
Figure 1. Calibration curve (axes, title, trend line, slope, R^2)	13	
Table 3. Hydrogen Emission Spectrum (p.3)	8	
Equation 1 calculations	8	
Equation 2 calculations	8	
Equation 3 calculations	8	
Correctly identifies wavelength to n-level transitions	8	
Miscellaneous (3)		
Uses correct English (spelling, grammar, captions, etc.)	3	
Total lab report points	75	
Pre-lab	25	
TOTAL POINTS	100	