Laboratory Report Guideline

Neutron Activation of Aluminum

1. Cover Page

5. Data
   a table of the data
   the semi-log plot made at the Radiation Center and the Excel plot
   table of class values, average value, and standard deviation

6. Calculation
   of the rate constant and the half-life
   average and standard deviation of the class values

7. Results and Discussion
   comparison of the experimental and literature value of the half-life
   analysis of the class information

8. Conclusion
   brief description of the experimental results
   answer the three questions on page 53

9. References