

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 of the experimental results
answer the three questions on page 53

9. References