

Chapter 7 – Volumetric Analysis

Objectives and Problems

At the end of this chapter you should:

- Understand how to carry out a basic titration and understand the vocabulary terms listed at the end of the chapter (page 136)
Problems: 7-1, 7-2, 7-3, 7-4
- Understand how the Kjeldahl (KELL-doll) procedure is performed for N analysis
Problems: 7-12
- Be able to determine the concentration of an analyte if given the results of a titration (these includes calculations conducted in lab)
Exercise 7A, 7B, 7-C, 7-D
Problems: 7-7, 7-8, 7-9, 7-10, 7-11, 7-14, 7-15, 7-16, 7-17
- Understand the shape of a precipitation curve
Problems: 7-21, 7-22, 7-23, 7-24, 7-25

Problem Set #4 (due with Chapter 6 problems on Monday, October 8th)**Exercise 7-B****Problems: 7-12, 7-22**

The following problems will help prepare you for the exam. Answers will be posted online by Sunday, October 7th

Exercise 7-A**Problems: 7-2, 7-4, 7-7, 7-10, 7-24**