

REPORT SHEET
Acid-Base Titration

LAB
10

A. Concentration of Acetic Acid in Vinegar

1. Brand Heinz Volume 5.00 mL (% on label) 5.0 %
 2. Molarity (M) of NaOH _____ M

	Trial 1	Trial 2	Trial 3
3. Initial NaOH level in buret	<u>0.1 mL</u>	<u>0.2 mL</u>	<u>0.1 mL</u>
4. Final NaOH level in buret	<u>39.6 mL</u>	<u>41.2 mL</u>	<u>40.1 mL</u>
5. Volume (mL) of NaOH used			
6. Average volume (mL)			
7. Average volume in liters (L)			

Show all calculations for the following questions.

8. Moles of NaOH used in titration _____ mole NaOH
9. Moles of $\text{HC}_2\text{H}_3\text{O}_2$ neutralized by NaOH _____ mole $\text{HC}_2\text{H}_3\text{O}_2$
10. Molarity of $\text{HC}_2\text{H}_3\text{O}_2$ _____ M $\text{HC}_2\text{H}_3\text{O}_2$
11. Grams of $\text{HC}_2\text{H}_3\text{O}_2$ _____ g $\text{HC}_2\text{H}_3\text{O}_2$
12. Percent (m/v) $\text{HC}_2\text{H}_3\text{O}_2$ in vinegar _____ % $\text{HC}_2\text{H}_3\text{O}_2$

Acid Base Titration Lab Questions And Answers

**Thomas J. Manning, Aurora P.
Gramatges**



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CliffsNotes AP Chemistry Bobrow Test Preparation Services,2009-02-09 The book itself contains chapter length subject reviews on every subject tested on the AP Chemistry exam as well as both sample multiple choice and free response questions at each chapter s end Two full length practice tests with detailed answer explanations are included in the book

Computer Based Projects for a Chemistry Curriculum Thomas J. Manning,Aurora P. Gramatges,2013-04-04 This e book is a collection of exercises designed for students studying chemistry courses at a high school or undergraduate level The e book contains 24 chapters each containing various activities employing applications such as MS excel spreadsheets and Spartan computational modeling Each project is explained in a simple easy to understand manner The content within this book is suitable as a guide for both teachers and students and each chapter is supplemented with practice guidelines and exercises

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