

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	0.1 mL	0.2 mL	0.1 mL
4. Final NaOH level in buret	39.6 mL	41.2 mL	40.1 mL
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 _____ % $\text{HC}_2\text{H}_3\text{O}_2$

Chemistry Lab 39 Acid Base Titration Answers

H Kauffman



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