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| **CHEM-371 ENSTRUMENTAL ANALYSIS LABORATORY**  **NEUTRALIZATION TITRATIONS BY POTANTIOMETRIC METHOD**  **LAB REPORT** |
| **Instructors:** Prof. Dr. Recai İNAM **Leader of Experiment:** *Dr. Elvan HASANOĞLU ÖZKAN* |
| **Name & SURNAME: Date:**  **ID: Section:** |
| **THE PURPOSE OF THE EXPERIMENT:**  **PROCEDURE:**  **DATA AND CALCULATIONS:**   1. Titration of strong acid (**X** M 25mL HCl) by strong base (0.2000 M NaOH)        1. Titration of weak acid (**X** M 25 mL CH3COOH) by strong base (0.2000 M NaOH)       3. Titration of unknown acidic solution (32 mL) by strong base (NaOH)  **CH3COOH (X M) +HCl (0.0100M )/ (0.0500 M NaOH)**    **Graphic;**   1. **Titration curve by the 3th titration**   milimetrik kağıt ile ilgili görsel sonucu  **RESULTS AND DISCUSSION**   |  |  | | --- | --- | | 1. ***For the 1st Experiment*** (Titration of strong acid by strong base**)**   Equivalence point;  Experimental: ????? mL NaOH  Theoretical: ????? mL NaOH  Error %: | 1. ***For the 2nd Experiment* (**Titration of weak acid by strong base**)**   Equivalence point;  Experimental: ????? mL NaOH  Theoretical: ????? mL NaOH  Error %: | | 1. ***For the 3th Experiment***   **Vtoplam=** 32 mL  VHCl=? VCH3COOH= ? MCH3COOH] ? | |   **CONCLUSION:**  **REFERENCES** |