**REPORT**

**EXERCISE 3**

**POTENTIOMETRIC METHODS**

**NAME:** **GROUP:**

**DATE OF EXERCISE:**

**EXERCISE TOPIC:** Potentiometric titration of glycine.

**OBJECTIVE OF THE EXERCISE:** Determination of pK1, pK2, and pI for glycine.

**1. Table 1 – Results obtained during the exercise.**  
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**2. Graph of the dependence of pH on the volume of added NaOH and HCl.**

...

**3. Calculation of the pI, pK1, and pK2 values of glycine**

…

**4. Conclusions**

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**EXERCISE TOPIC:** Determination of pH and pKa of salicylic acid.

**OBJECTIVE OF THE EXERCISE:** Determination of the pH and pKa values of salicylic acid in water-organic mixtures.

**1. Table 2 – Results obtained during the exercise.**  
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**2. Titration curves in the coordinate system pH = f(VNaOH).**

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**3. Calculation of the pKa of salicylic acid for the analyzed solutions.**

…

**4. Conclusions**

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