

Prelab Question – Experiment 3: Acids, Bases, and Buffers, Week 1

1. A 25.00 mL sample of an unknown weak acid is titrated to the equivalence point with 34.12 mL of 0.09981 M NaOH. At what volume is the pH equal to the $\text{p}K_{\text{a}}$ of the weak acid?

2. What is the molar mass of KHP?