
Chemistry 1020 Lab Final Questions With Complete Solutions

Acid + Base \rightarrow correct answer: Salt + Water

Molarity (M) correct answer: Number of moles per liter

Titration of Vinegar correct answer: First drops will cause brief appearance of pink that quickly fades

Near endpoint, more of the flask will turn pink but still fade after a few seconds

Endpoint

When entire flask turns pink and stays that way without adding another drop

Buffer correct answer: - Solution that resists a change in pH when a small amount of acid or base is added

K_a = correct answer: a measure of how much an acid dissociates in water

- Smaller K_a means weaker acid (less dissociation)

pK_a = correct answer: Negative $\log_{10}(K_a)$

-Larger pK_a means weaker acid (less dissociation)

pH = correct answer: Negative $\log_{10}[H^+]$

Chemistry 1020 Lab Manual Answers

University of Colorado Boulder

A red circular graphic with a gradient, appearing as a partial circle or a stylized 'C' shape, located to the right of the University of Colorado Boulder text.

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