

19.5 The Change in pH with the Addition of a Strong Acid to a Buffer (Video)

This project was preformed to supply **Libretext authors** with videos on General Chemistry topics which can be used to enhance their projects. Also, these videos are meant to act as a learning resource for **all General Chemistry students**.

Video Topics

This video contains the sample problem below were the pH of a buffer is calculated after the addition of a known amount of a strong acid.

Say you have a 1.00 L of an acetic acid / sodium acetate buffer. If the initial {HAc} is 0.700 M and the initial {Ac⁻} is 0.600 M.

What would be the pH if 10.0 mL of a 1.0 M HCl solution is added?

Link to Video

The Change in pH with the Addition of a Strong Acid to a Buffer: <https://youtu.be/FOrT8GwrzgA>



Attribution

- Prof. Steven Farmer ([Sonoma State University](#))

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