19.3 Using the Henderson Hasselbalch Equation (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

When trying to make a buffer of a specific pH or when looking at the change of pH during the addition of H_3O^+ or ^-OH to a buffer solution use the Henderson Hasselbalch equation.

$pH = pK_a + Log\ [\{CB\}/\{A\}]$

A = Acid

CB = Conjugate Base

This video contains examples where the Henderson Hasselbalch equation is used to calculate the pH of a buffer solution.

Link to Video

Using the Henderson Hasselbalch Equation: https://youtu.be/kGQDtZfletg

Attribution

- Prof. Steven Farmer (Sonoma State University)