15.9 Boiling Point Elevation and Freezing Point Depression (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 a solute is dissolved in a solvent the BP is elevated and the FP is lowered.
This effect comes from dilution.
dTf = iKfm
dTb = iKbm
dT is the change in BP or FP or (Tsolution - Tsolvent)
K is a constant □C/m
Kb should be positive and Kf should be negative.
m is the molality of the solute

Link to Video

Boiling Point Elevation and Freezing Point Depression: https://youtu.be/0MZm1Ay6LhU

Attribution

- Prof. Steven Farmer (Sonoma State University)