

9.S: Chemical Equilibria (Summary)

Vocabulary and Concepts

- common ion effect
- conjugate base
- degree of dissociation
- dissociation of a weak acid
- Dumas Bulb
- Henderson-Hasselbalch equation
- Le Chatlier's principle
- reaction quotient
- solubility product
- thermodynamic equilibrium constant
- van't Hoff equation
- van't Hoff plot
- weak acid

References

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2. Mack, E., & France, W. G. (1934). *A Laboratory Manual of Elementary Physical Chemistry* (2nd ed.). New York: D. Van Nostrand Company, Inc.
3. Tro, N. J. (2014). *Chemistry: a molecular approach* (3rd ed.). Boston: Pearson.

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