

The graph illustrates the relative concentration of chemical species as a function of pH. The x-axis represents pH from 0 to 14, and the y-axis represents the relative concentration from 0.0 to 1.0. The species shown are:

- H_2O (black solid line): Decreases from 1.0 at pH 0 to 0.0 at pH 14.
- H^+ (blue dashed line): Increases from 0.0 at pH 0 to 1.0 at pH 14.
- OH^- (red dashed line): Increases from 0.0 at pH 0 to 1.0 at pH 14.
- Organic species (purple solid line): Peaks at pH 10 with a relative concentration of 1.0.

