

# Download Inorganic Chemistry 4th Edition Housecroft Manual

A metalloid is a type of chemical element which has properties in between, or that are a mixture of, those of metals and nonmetals. There is neither a standard definition of a metalloid nor complete agreement on the elements appropriately classified as such. Despite the lack of specificity, the term remains in use in the literature of chemistry. The six commonly recognised metalloids are boron ... An acid dissociation constant,  $K_a$ , (also known as acidity constant, or acid-ionization constant) is a quantitative measure of the strength of an acid in solution. It is the equilibrium constant for a chemical reaction known as dissociation in the context of acid–base reactions.  $K_a = \frac{[A^-][H^+]}{[HA]}$ . The chemical species HA, A<sup>-</sup>, and H<sup>+</sup> are said to be in equilibrium when their concentrations ...  $K_a$  (acid dissociation constant / acidity constant / acid-ionization constant) ...