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Inorganic Chemistry in Aqueous Solution

By Jack Barrett

Royal Society Of Chemistry, United Kingdom, 2003. Paperback. Book Condition: New. 236 x 158 mm. Language: English . Brand New Book ***** Print on Demand *****.Inorganic Chemistry in Aqueous Solution reviews the chemistry of the elements in all their oxidation states in an aqueous environment. The nature of ions in solution is described in some detail and enthalpies and entropies of hydration of many ions are defined and recalculated from the best data available. These values are used to provide an understanding of the periodicities of standard reduction potentials. Standard reduction potential data for all of the elements, group-by-group, covering the s and p, d and f blocks of the Periodic Table is also included. Major sections are devoted to the acid/base behaviour and the solubilities of inorganic compounds in water. Inorganic Chemistry in Aqueous Solution is aimed at undergraduate chemistry students but will also be welcomed by geologists interested in this field. Ideal for the needs of undergraduate chemistry students, Tutorial Chemistry Texts is a major series consisting of short, single topic or modular texts concentrating on the fundamental areas of chemistry taught in undergraduate science courses. Each book provides a concise account of the basic principles underlying a...



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