



The Elements of Qualitative Chemical Analysis; Fundamental Principles and Their Application

By Julius Stieglitz

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1911 Excerpt: .quantitative relation between the solubility of a given ionogen in different solvents and the ionizing powers of the solvents, as determined by their dielectric constants (p. 63), was predicted, on the basis of theoretical considerations, by Malstrom¹ and by Baur.² Walden³ has furnished experimental confirmation of the relation: The degree of ionization of a salt is found to be the same in its saturated solutions in different solvents, when the solutions are saturated at the same temperature. If this relation is combined with that discussed on page 63, according to which the degree of ionization of a given salt, in different solvents, is the same, when the cube roots of its concentrations are directly proportional to the dielectric constants of the solvents (ei: $V_{ci} \cdot e_2 = -V_{ci} = a \text{ constant}$), then we find, that in saturated solutions of a given salt, in different solvents, the cube roots of...



READ ONLINE
[7.11 MB]

Reviews

It is really an incredible publication that we have possibly study. Of course, it really is engage in, continue to an interesting and amazing literature. You are going to like how the writer compose this publication.

-- **Bailey Lehner**

It in a single of the most popular ebook. Indeed, it can be play, still an interesting and amazing literature. I am quickly will get a satisfaction of reading a created pdf.

-- **Lennie Renner**