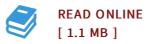




Conductivity Studies on Colloids

By Ray V Murphy

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. 1922 Excerpt: . is Interesting to note that in the oase of the synthetic sol of purity 34.479 a slight increase take s place in the conductance with time, while with the other sols a decrease occurs. The addition of HCl to a pure ferric oxide hydroaol evidently results in a reversal of the reaction by which oolloidal ferric oxide Table 6. Conductivity of a series of synthetic ferric oxide hydrosols prepared by adding varying amounts of HCl to sol No. 6 (before dilution) so as to make the ferric oxide content of the resulting sols the same as for the other sols studied, viz., 0.4379 gram-equiv. per liter. i SA c Purity Specific Specific Specific coi-HaO HCl of the conduct-conduct i01u result-ivity ivity ivity ing sol after after 12 hours 21 days 34 days K x 105 K x 10-5 K x 10-5 is formed cording...



Reviews

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