



## Laboratory Mannual of Colloid Chemistry (Paperback)

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By Books Group

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: .than kerosene into a mixture of 134 cc. limewater and 1 g.  $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ , dissolved in as little water as possible, adding oil all at once. Here a plastic film of separate, minute solid particles of basic copper sulfate covers each oil drop. Read Jour. Chem. Soc., 91, 2001 (1907) for further directions and comment. Exp. 101. Adsorption Films.--Peptize air-dried cellulose nitrate (11 per cent nitrogen) by a mixture of 1 part of amyl acetate and 3 parts of benzene, making it about a 2 per cent solution. Pour enough of this into a small beaker to give a layer nearly 1 cm. deep. With a pipette, add a very large drop, or globule, of water and watch it for a few minutes. A visible film quickly forms. Gently tilt the beaker and distort the drop by rolling it around. Wrinkles in the film demonstrate its toughness...



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