



Glue and Glue Testing

By Samuel Rideal

Theclassics.Us, United States, 2013. 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 usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1900 edition. Excerpt: . CHAPTER IV. GELATINE. The chemical reactions of gelatin may be here noticed; most of them also apply to glue solutions, and some have been already given in Chapter I. In warm solutions, or in those sufficiently weak to be not gelatinous, acids, alkalies,¹ and most mineral salts (such as those of Al, Fe, Cu, and Pb) occasion no precipitate. Chondrin gives precipitates with most of these. Phosphomolybdic or phosphotungstic acids cause voluminous precipitates, the complete separation requiring twelve to twenty-four hours: the nitrogen can be determined in the precipitate, but includes other substances besides gelatine. If the solution be evaporated to near dryness, and then treated with a saturated solution of ammonium, magnesium or zinc sulphate, the gelatine is thrown down in stringy masses, along with the albumose, but not the peptones: the latter are almost absent in good gelatine; this process is...



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