



Determination of Malic Acid (Classic Reprint) (Paperback)

By P B Dunbar

Forgotten Books, United States, 2016. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Determination of Malic Acid In the earlier experiments of this investigation an attempt was made to use uranyl nitrate and potassium hydroxid as reagents, as recommended by Walden. This author states that a maximum rotation is obtained by the use of 4 molecules of potassium hydroxid and 1 to 4 molecules of uranyl nitrate for each molecule of malic acid. He prefers the nitrate to the acetate because of the greater solubility of the former salt. Uranyl nitrate, however, has one serious disadvantage. Its solution in water always contains nitric acid due to hydrolysis. It is impossible to obtain the maximum polarization in the presence of free mineral acid and it is therefore necessary, as Walden pointed out, to neutralize the solution when uranyl nitrate is used. The color of the solution always makes this operation very difficult. Many attempts were made to use uranyl nitrate, but with indifferent results. After addition of the uranyl nitrate solution to that containing malic acid, a solution of potassium hydroxid was added drop by drop until a precipitate just began...

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Reviews

Very helpful to all of class of folks. This is certainly for all who state there had not been a worthy of studying. Once you begin to read the book, it is extremely difficult to leave it before concluding.

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It becomes an remarkable publication that we have possibly go through. It is among the most remarkable book i actually have read through. Your lifestyle period will likely be transform when you total reading this publication.

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