



DOWNLOAD



## A method for the identification of pure organic compounds by a systematic analytical procedure based on physical properties and chemical reactions Volume 3

By Samuel Parsons Mulliken

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 36 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. 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. 1910 Excerpt: . . . components. On reduction, an azo dyestuff undergoes cleavage at each of the azo groups which it may contain, each nitrogen atom of each azo radical yielding an amino group. Hence one of the reduction products must always be identical with a first component except in cases when the first component itself contains reducible groups. Second and third components, on the contrary, are not obtained as reduction products, but we secure in their place their amine derivatives. Thus, Congo Red, which has benzidine as its first, and naphthionic acid as its second component, gives benzidine as its first reduction product, and di-aminonaphthalenesulphonic acid as its second reduction product.  $C_6H_4 \cdot N_2C_1 \cdot CeH \cdot N_2 \cdot C \cdot OH_2 \cdot (SO_2H)(NH_2) \cdot 2 \cdot C \cdot OH_2 \cdot (NH_2)(SO_2H) \cdot 2 \cdot HC_1 \cdot C \cdot H \cdot \cdot N_2C_1 \cdot CCH_4 \cdot N_2 \cdot C \cdot OH_2 \cdot (SO_2H)(NH_2)$  Diazotized benzidine Naphthionic Acid. Congo Red. salt.  $C_8H_4 \cdot N : N \cdot C \cdot oHSCH(NH_2) \cdot C_6H_4 \cdot NH_2 \cdot 2H_2 \cdot 2C \cdot OH_5 \dots$



READ ONLINE  
[ 3.88 MB ]

### Reviews

*Thorough information! Its this type of great go through. It is amongst the most incredible publication i actually have read through. It is extremely difficult to leave it before concluding, once you begin to read the book.*

-- Germaine Welch

*A very awesome pdf with perfect and lucid information. This is certainly for those who statte there had not been a worthy of looking at. Your daily life span will probably be convert as soon as you full looking at this book.*

-- Dr. Marie Ebert