
**COMPOUND FORMATION BETWEEN TUNGSTIC ACID
AND THE SALTS OF THE ORGANIC HYDROXYACIDS**

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Electrometric titrations with the glass electrode at 25° C. on mixtures of sodium tungstate and the sodium salts of the hydroxyacids indicated compound formation between tungstic acid and the salts of glycolic acid, mandelic acid, tartaric acid, malic acid, citric acid, and phenylglyceric acid. In the case of phenylglyceric acid, only one of the hydroxyl groups reacted with tungstic acid. There was no indication of compound formation between tungstic acid and the salts of beta-hydroxybutyric acid, salicylic acid, m-hydroxybenzoic acid, p-hydroxybenzoic acid, and glycine. In the case of thio-glycolic acid, the curve indicated a slight, easily reversible reaction. The reaction is apparently specific for alpha-hydroxyl groups.
