

a few hours it assumes a solid amorphous mass, which, on removal of the alcohol and drying may be easily powdered. The powder is strongly acid and consists of iron, potassium and citric acid. The molecular formula has not yet been determined, but from the character of similar compounds I presume we will find that the iron has replaced the hydrogen of the citric acid radicle.

"If the alcohol, from the precipitation of the citro compound, be distilled or evaporated to dryness potassium chloride may be obtained. These experiments prove that the compounds which we have called citro-chloride and citro-iodide of iron are not true to name but are potassium iron citrates.

"Syrup of citro-iodide of iron manufactured strictly according to the National Formulary will always be brown, due to the presence of free iodine. It has been recommended to decrease the last portion of iodine or increase the first portion. This would give an excess of ferrous iodide, which would be objectionable, as it would soon oxidize and the syrup become brown. A better method would be to follow the formula and then remove the excess of iodine by shaking with starch and filtering."

MR. FORD: "The quality of sodium citrate on the market is not uniform as found in the Middle States. The quality of ordinary sodium bicarbonate is also quite different from the U. S. P. substance, and in the preparation of Tincture of Iron Citro-Chloride it is important to use the official article.

"I have always had good success using potassium citrate, as in the original Creuse formula, and believe that failure in the process is commonly due to the use of an inferior quality of alkali salts."

MR. RAUBENHEIMER: "Prof. Stevens' process for making Syrup of Iron Citro-Iodide by removing excess of iodine with starch, has been accepted for the new edition of the National Formulary.

"In developing the green color of citro-chloride tincture only a small quantity of the alkali should be added at a time, and the liquid should be heated to the boiling point, if necessary, to expel CO₂ and develop the desired apple green color. In the specimens submitted it required from 10 to 30 grams to develop that color. Experiments made together with Dr. Francis prove that by further addition of NaHCO₃ the green color is destroyed. As soon as the preparation is neutral a brown color will develop in the tincture. The iron is not detectable in these citro preparations unless they are first acidified with a mineral acid."

THINKING IN MONEY.

"There are some people that think so much of money for its own sake that they have learned to think only in the terms of finance and to talk only in the language of the counting house. They have no ear for any music except the clicking of the cash register. They can see nothing in all that God has created that is worth while, except as it may be converted into some marketable product.

"There are men who would gather up the rays of the sun and the glitter of the stars and coin them into gold. There are men who would convert the Mammoth Cave into a subway, the Natural Bridge into a toll-gate; that would plow up our parks and plant them in corn and potatoes; that would sell the Statue of Liberty and Bunker Hill for Marconi receiving stations; they would lease the Washington Monument for a billboard and stretch the equator in the back yard for a clothes line; but there are some men who earn their money, who get it honestly, who appreciate it because of the opportunity that it gives to serve themselves and their fellow men.—Charles F. Moore, Editor of "Paper."