El few words about Salicylie acid By R. Gunther, Dentist.

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Translated by Dr. l. V. Black

On some experiments in my laboralong to determine the solubility of t the best modes of application of the Salreglie acid of the shops for medicial purposes, I found there was al ways an un dissolved residue; and was soon conversed that This was on account of an impunity of

the article. For the perspose of

purification I dissolved a large

portion in hot absolute alcohol

and on filleing the reddich brown liquid, I found a gregish crystalline substance on the feller which I have nor ger analyzed, but which is in any case an imperity. In order that the rechystallijation might proceed more rapidly, half the legued was evaporated and in cooling the mass hardened in a light rose colored theystalline certe. after drying this on blottry paper, the outer senface was of a reddish brown but the inner parts were perfecilly white, Ody reputition of this process the acid Olivystalyed in needle like strys-

tals which were willed in tuple & when dry were perfectly white with a brilliant selken appearance. I now undertook to sublime the acid. The furnes at first gaire out a pleas out aromatie odor but when the heat was increesed the smell was much like that of carbolic acid and excited coughing, (It was found that a strong heat decomposed it The sullimate gave colorless chrystals which enmasse appeared as white brilliant silken needles a part of which adhered to the glass globe but mostly fell to the bottom.d

now sought some test by which I could acertain definitely ses to whether this sublimate was salicylic acid or the result of a decomposition and found an ix-Cellent reagent for this purpose in cesqui chlonde og dron. The reaction in the presence of the least portion of Ralicylie acid showing a beautique violet color, Hies test showed the sublimate to be salicylic The coloning of the article gold in the shops is on account of in purilies or is endente of impuriling as is also the sediment remains

ing after solution in alcohol or Ethe The solubility of the double redrigotalized Oalcylic acid gives better result then that from the shope. The result In absolute alcohol Com. Temp. 38 " Juphurie Etter " " " 40 " Distilled Wester " " ,20 Dutrer y these results dissolve a much larger amount when hot which is thown down again upon cooling. It seems to me that when the use of Quelicylic acid in mass is required an otherial polution will generally be forms the best form of application. The etter

everporelts givekly læring a layer of pure fælicylie acid believed. If a fluid form is wanted an alcoholie solution meny be used or alcohol and water in any required proportion.