

The cortical hormone is removed from ether solution of an active fraction by washing with dilute acid.

Extract of beef adrenal cortex prepared with permutit fractionation gives a negative biuret, ninhydrin, Hopkins-Cole, Molisch, Pauly, and Liebermann Burchard reaction. It gives a positive xanthoproteic, Millon's, alkaline copper and alkaline phosphotungstate reaction. These 4 positive reactions can be accounted for by the presence of traces of phenolic decomposition products of adrenalin.

It has been found that aqueous extracts containing the cortical hormone can be preserved by the addition of benzoic acid in 0.1% concentration.

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A Precipitant for Material in Liver Active in Pernicious Anemia.

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The identification of γ hydroxyproline¹ among the products of hydrolysis of an acid active in pernicious anemia indicated the possibility of using Reinecke's² salt as a precipitant for this material from liver. Experiments have shown that Reinecke's salt does precipitate this acid and also precipitates active material from liver extract and promises to be useful as a preparative method. This observation is in harmony with the view that the γ hydroxyproline nucleus is an integral part of the active material in liver. The composition of the precipitate derived from the acid closely approximates that required for one molecule of organic acid and 2 molecules of Reinecke's acid.

¹ Dakin, H. D., West, R., and Howe, M., *PROC. SOC. EXP. BIOL. AND MED.*, 1930, **28**, 2.

² Kapfhammer, J., and Eck, R., *Z. Physiol. Chem.*, 1927, **170**, 294.