



## Studies from the Otho S.A. Sprague Memorial Institute; Collected Reprints Volume . 9 (Paperback)

By Otho S a Sprague Memorial

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.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. 1921 edition. Excerpt: . a quarter equivalents remained, probably as alanine, in the histidine fraction and that a maximum of one-fifth of an equivalent passed into amyl alcohol, possibly as an amine. In short, then, over half of the introduced available nitrogen was consumed by the microorganisms. (We have assumed that Z-alanine did not serve as a food.) Leucine and Histidine.--The growth obtained in this case was slightly better than that obtained on the histidine-alanine medium. The histamine production was increased by 18.6 per cent which is almost identical with that obtained on the alanine-histidine medium. Most of the leucine nitrogen appeared in the histamine fraction which indicates that the leucine was also decarboxylated. Tryptophane and Histidine.--The growth in this medium was about as dense as that obtained in the peptone-histidine medium; but the histamine production was decreased, not increased. The 26.3 per cent of histamine obtained in...



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