



## Proceedings of the Convention of Agricultural Chemists held at Atlanta, Ga., May 15th, 16th, 1884

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By Charles William Dabney

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 28 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. 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. 1884 Excerpt: . . . portion of it to be dissolved by the citrate of ammonia. The solvent action of this reagent on bone phosphate, must not be forgotten in the final determination of the method of estimating phosphoric acid. One of my students, Mr. H. A. Huston, made some experiments with a fine raw bone to determine the influence of time and temperature on the amount of bone dissolved. Following are his results: INFLUENCE OF TIME ON AMOUNT OF BONE DISSOLVED. Time, 30 min. Per cent. total. 20. 28 Temperature 60. Per cent. Insoluble. 13-94 14. 61 14. 65 Mean 14. 40 Per cent. 6. 34 5. 67 5. 63 5-88 Soluble in citrate. Next a series of determinations was made to find the influence of time on the amount of bone dissolved. The results appear in the following table: These results are of great interest wherever much bone is...



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