

**U. S. DEPARTMENT OF AGRICULTURE,  
BUREAU OF CHEMISTRY - BULLETIN NO.  
107; OFFICIAL AND PROVISIONAL  
METHODS OF ANALYSIS: ASSOCIATION  
OF OFFICIAL ANALYTICAL CHEMISTS  
COMMITTEE ON REVISION OF METHODS**

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**HARVEY W. WILEY**

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Reprint February 16, 1910.

U. S. DEPARTMENT OF AGRICULTURE,

BUREAU OF CHEMISTRY—BULLETIN No. 107 (Revised).

H. W. WILEY, Chief of Bureau.

OFFICIAL AND PROVISIONAL  
METHODS OF ANALYSIS,  
ASSOCIATION OF OFFICIAL  
AGRICULTURAL CHEMISTS.

AS COMPILED BY THE COMMITTEE ON REVISION OF METHODS (J. K. HAYWOOD,  
CHAIRMAN, J. P. STREET, F. W. WOLL, J. H. PETTIT, L. M. TOLMAN,  
P. P. VEITCH, AND A. L. WINTON), NOVEMBER 1, 1906, AND  
PROVISIONALLY ADOPTED BY THE ASSOCIATION;  
FURTHER REVISED AND FINALLY  
ADOPTED, OCTOBER, 1907.

Edited by  
HARVEY W. WILEY,  
Secretary of the Association.



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LETTER OF TRANSMITTAL FOR REVISED EDITION.

U. S. DEPARTMENT OF AGRICULTURE,  
BUREAU OF CHEMISTRY,  
Washington, D. C., April 20, 1908.

SIR: At the twenty-fourth annual convention of the Association of Official Agricultural Chemists the following resolution was passed in regard to the report of the committee on the revision of methods, submitted for approval as Bulletin 107 of the Bureau of Chemistry:

*Resolved*, That the report of the committee on revision, as submitted, be approved and the committee continued, with the authority to issue the final revision and to make such additional changes as they deem necessary, with the approval of the executive committee.

In accordance with these instructions, Bulletin 107, revised, herewith, is submitted for publication, additional changes as suggested by the association having been made with the approval of the executive committee, and all action in regard to methods taken at the meeting of 1907 having been incorporated.

Respectfully,

H. W. WILEY,  
*Secretary, Association of Official Agricultural Chemists; Chief, Bureau of Chemistry.*

HON. JAMES WILSON,  
*Secretary of Agriculture.*

A. B. Stevens

## LETTER OF TRANSMITTAL FOR ORIGINAL EDITION.

U. S. DEPARTMENT OF AGRICULTURE,  
BUREAU OF CHEMISTRY,  
*Washington, D. C., July 15, 1907.*

SIR: In view of the increasing importance, legally as well as scientifically, of the methods of the Association of Official Agricultural Chemists, in connection with the administration of the food and drugs act, June 30, 1906, these methods being also those used in the Bureau of Chemistry, it seemed of fundamental importance that they should be revised to date, no revision having been issued since 1899, with the exception of the record made in additional circulars and in Bulletin 65 on food analysis, of the additions to and changes in the methods.

The difficulties of making such a revision, when the methods, especially those relating to foods, are continually the subject of study and amendment, are apparent. Nevertheless it is believed that the present revision, including all authorized changes and additions, the rearrangement and consolidation of general and special methods, and the elimination of repetitions or contradictory material, will so add to the efficiency and usefulness of the methods as to warrant its publication, although many other changes might be suggested.

The revision is the work of the following committee, appointed by the president of the association, previous to the meeting of 1906, and provisionally adopted at that time: J. K. Haywood, chairman; J. P. Street, F. W. Woll, J. H. Pettit, L. M. Tolman, F. P. Veitch, and A. L. Winton. The preliminary work on the revision was done by members of the Bureau of Chemistry.

It is respectfully recommended that this manuscript be issued as Bulletin 107 of the Bureau of Chemistry, superseding Bulletins 46 and 65, the revision to be in this form submitted to the association for final approval at the meeting of 1907.

Respectfully,

H. W. WILEY,  
*Secretary, Association of Official Agricultural  
Chemists; Chief, Bureau of Chemistry.*

HON. JAMES WILSON,  
*Secretary of Agriculture.*



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