

Inside AOCS

Seed and Meal Analysis Committee

This report by committee chairman W.J. Johnson outlines several projects recently completed and others that are being started. Persons interested in participating in the committee work should contact W.J. Johnson, chairman, AOCS Seed and Meal Analysis Committee, c/o Southern Cotton Oil Co., PO Box 8367, Memphis, TN 38108.

Two members have been added to this committee: J.K. Daun, who is with the Grain Research Laboratory in Winnipeg, Canada, and S.R. Gregory of Anderson Clayton Co., Phoenix, Arizona.

Methods Ai 2-75 and Ai 3-75 have been changed from tentative to official. A new method to cover sampling of sunflower seed, Ai 1-80, has been published.

Collaborative work was completed on the use of glass wool as a filter medium in the determination of crude fiber. AOAC has published a method using ceramic fiber. We propose to revise the AOCS method to allow the use of asbestos, glass wool, or ceramic fiber as the filtering medium.

A new moisture method for protein concentrates (isolates) will be submitted for committee approval. It is essentially a modification of the AOAC Vacuum Oven method.

The sunflower subcommittee has been disbanded but James Robertson will remain on the parent committee.

A new subcommittee headed by J.K. Daun is being formed to develop standard methods needed by the producers and users of canola (rape) and safflower seeds. Anyone willing to help on the work of this committee should contact Dr. Daun or me.

The mycotoxin subcommittee remains very active in both methodology development and detoxification efforts. They are in the process of rewriting several AOAC methods into AOCS format for publication in our book of official methods.

We hope to reactivate the gossypol subcommittee. There is available an HPLC method for determining free gossypol in meal and flour at very low levels (10-200 ppm). Anyone with interest in doing collaborative work on gossypol determination using HPLC should contact me.

We will be working on a revision of the *AOCS Official Methods* covering the Kjeldahl determination of "Nitrogen, NH₃, Protein," so these methods will permit the use of automated equipment now available in this determination.

Polyunsaturated Fatty Acids

A monograph edited by Wolf-H. Kunau and Ralph T. Holman, 258 p. Hardbound—\$15 for AOCS members and students, \$25 for nonmembers. This monograph records the contributions of twenty noted researchers who contributed to the 1975 AOCS symposium on unsaturated fatty acids. The symposium was premised on the increasing need to combine separate disciplines in lipid research. Speakers thus were invited who specialized in chemical, physical and biochemical properties of lipids. Topics included biosynthesis, oxidation and regulation of metabolism, analysis, chemistry/physicochemistry, and experimental and clinical data. Illustrations and references enhance this collection.

Please send me _____ copy/copies of **Polyunsaturated Fatty Acids**.

Mail this coupon to: **American Oil Chemists' Society**
508 S. Sixth Street
Champaign, IL 61820

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