Mahadevan joins Supelco as Senior Biochemist

Vaidyanath Mahadevan has joined Supelco, Inc., Bellefonte, Pa., as Senior Biochemist. Mahadevan has many years experience in biochemistry, having spent 6 years as a Research Fellow, Government of India; 1 year as Research Fellow, Banting and Best Department of Medical Research, University of Toronto, Canada; 9 years as Research Fellow and Assistant Professor of Biochemistry at Hormel Institute, University of Minnesota; and 5 years as a Biochemist with the Veterans Administration Hospital in Minneapolis, Minnesota.

Mahadevan received his Ph.D. in biochemistry from the University of Minnesota in 1956. He has been author and coauthor of 50 publications in scientific journals which included reviews and chapters in books regarding lipids. In addition to AOCS, his professional memberships include Phi Lambda Upsilon, Sigma Xi, American Chemical Society, AAAS and the New York Academy of Sciences.

Mahadevan's research interests include dilatometric investigations on glycerides, synthesis of neutral lipids and phospholipids, lipids in relation to blood coagulation and the chemistry of blood lipids. ■

• Instrumental Techniques. . .

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dried at 40 C under vacuum for 1 day. (b) As liquid phase a winterized oil can be used. Winterization of the oil: remove solids deposited after standing 4 days at 0 C.

In order to obtain a stable standard, after mixing the two fat phases *a* and *b* (in a chosen proportion) the mixture must be treated in the following manner: (a) melt the standard mix at 70 C; keep at this temperature for ca. 30 min; (b) fill the NMR tube with fat sample and weigh, in this case, accurate to within 0.001 g; (c) cool *slowly* from 70 to 20 C in at least 8 hr (ca. 6 C/hr); (d) leave overnight at room temperature (ca. 20 C); (e) measure at room temperature with the pure winterized oil as reference calculated as volts per gram; (f) calculation of the per cent solid phase:

$$= 100 - \left(\frac{\text{sample reading V/g}}{\text{reference reading V/g}} \times 100\right)$$

sample and reference must have exactly the same temperature (ca. 20 C). Because of the low solubility of the hard fat phase this temperature may lie between 10 and 25 C.

Note: In general, for a standard with 20% hardened palm oil, a value between 19.5 and 20.5 was found on different instruments in different laboratories.

Appendix II

For fats such as cocoa butter, confectionery fats, tallow, oleo oil and tallow stearin, special stabilization procedures have to be used.

L.F. VERMAAS
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Olivier van Noortlaan 120
Vlaardingen, The Netherlands
July 1972 ■

Carl Blumenstein joins staff of Nolan Co.

The Nolan Co. announces the addition of Carl R. Blumenstein to its staff as Regional Associate for the Southeastern States of North and South Carolina, Georgia, Alabama and Northern Florida. The Nolan Co. assists buyers and sellers in purchases and sales of manufacturing companies in the scientific fields throughout the country, as well as searching for firms desirous of merging their interests with other companies.

An organic chemistry graduate of the University of Maryland, Blumenstein has had 30 years experience in textile chemistry, surfactants, resins and polymers, and sanitary and maintenance chemicals. His experience includes research and development management, marketing studies, and plant layout and equipment planning. Prior to joining The Nolan Co. he was Technical Director for Seydel-Woolley & Co. of Atlanta, and Vice-President for Research at Texize Chemicals of Greenville, S.C. For the past 4 years has has been in his own consulting business. He will be working under the guidance of Paul M. Goodloe, President, from whose East Orange, N.J. office the national activities of The Nolan Co. are coordinated.

An AOCS member since 1962, Blumenstein belongs to several other professional societies, including the American Chemical Society and the American Association of Textile Chemists and Colorists. ■

Obituary

Word has been received of the death of T.R. Wannamaker on August 19, 1972. Wannamaker joined AOCS in 1935 and was an emeritus member at the time of his death.

Chemetron's Votator Division names E.T. Beck to top position

AOCS member E.T. Beck has been appointed Executive Vice-President of the Chemetron Corporation's Louisville-based Votator Division.

Announcement of the appointment was made by N. Tift Joyner, President of the Votator Division, which serves the food processing and chemical processing industries with such products as heat exchange equipment, fillers for containers, and deodorizer plants for treatment of fats and oils. The division also manufactures and markets Thermex high frequency industrial heating equipment.

Beck directs marketing and sales programs and also assists in the general management of the division. He joined the Votator operation in 1948 and served as Manager for the eastern Sales District in New York from 1951 to 1957. For four years starting in 1957, Beck was the division's Manager of Overseas Operations, and in 1961 he was named Sales Manager for the division. He became General Sales Manager in 1967 and Vice-President for Sales and Marketing a year later.

Beck is a graduate of the University of Kentucky with a metallurgical engineering degree. He is a member and former director of the Food Processing Machinery and Supply Association, the American Society of Mechanical Engineers and the American Institute of Metallurgical Engineers. ■

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