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## Challenges to Contemporary Dairy Analytical Techniques

CHALLENGES  
TO CONTEMPORARY  
DAIRY  
ANALYTICAL  
TECHNIQUES



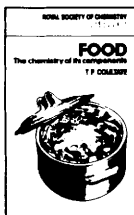
Over many years international organizations, national organizations, and private concerns have prepared standardization methods of analysis for food products, including milk and milk products, for purposes of quality control, assessment of nutritive content, enforcement of legal requirements, and affirmation of safety. This activity is concerned with identifying the most appropriate current methodology and codifying it in authoritative documents. *Challenges to Contemporary Dairy Analytical Techniques* appraises the problems that will be faced by analysis of dairy products in the future and examines the means that are likely to be used to solve them. This publication is thus concerned with the application of methods in quality control and with the techniques that will be in regular use in control, whether highly sophisticated or not and whether automated and/or indirect in principle.

#### Brief Contents:

Collaborative Studies and Reference Materials; Determination of Major Constituents: Automated, Instrumental Methods; Determination of Microconstituents: Advanced Methods; Determination of Compounds Formed during Processing and Storage (Artefacts) and Contaminants.

*Special Publication No. 49 (1984)*  
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## Food: The Chemistry of its Components



By T. P. Coultate

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Senior Reporter: P. B. Ayscough

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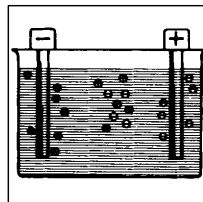
Laser Magnetic Resonance Spectroscopy; Theoretical Aspects of E.S.R.; Triplets and Biradicals; ENDOR and ELDOR; Transition-metal ions; Inorganic and Organometallic Radicals; Organic Radicals in Solids; Organic Radicals in Solution; Applications of E.S.R. in Polymer Chemistry; Spin Labels: Biopolymers; Spin Labels: Biomembranes; Metalloproteins; Applications of E.S.R. in Medicine.

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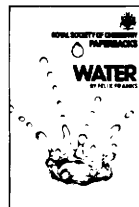
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by Felix Franks

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