

## CONTENTS OF VOLUME 19

### Number 1

An Investigation of Coffee Roasting Using High Performance Gel Filtration Chromatography LUIZ C. TRUGO and ROBERT MACRAE (Great Britain)	1
Chemical Additives in Food—A Review of the Regulatory Processes Governing Their Control and the Procedures for Evaluating Their Safety in Use JANE E. WONNACOTT and D. J. DUKES (Great Britain)	11
Transport of Sodium Chloride and Water in Romano Cheese Slices During Brining T. P. GUINEE and P. F. FOX (Ireland)	49
Determination of $\beta$ -Carotene Content and Vitamin A Activity of Vegetables by High-Performance Liquid Chromatography and Spectrophotometry A. J. SPEEK (The Netherlands), C. R. TEMALILWA (Tanzania) and J. SCHRIJVER (The Netherlands)	65
Book Reviews	75

### Number 2

An Attempt to Produce Ras Cheese by Direct Acidification W. M. ABOU EL-ELLA, A. M. EL-NESHAWY, A. M. RABIE and E. A. EMARA (Egypt)	81
Undesirable and Harmful Metals in Wines—Determination and Removal M. C. GENNARO, E. MENTASTI, C. SARZANINI and A. PESTICCIO (Italy)	93
The Effect of Fermentation on Carbohydrate and Fatty Acid Composition of African Oil Bean Seed ( <i>Pentaclethra macrophylla</i> ) S. C. ACHINEWHU (Nigeria)	105
Mechanism of Acetone Extraction of Haem from Myoglobin in Phosphate Buffer B. L. WEDZICHA and D. LADIKOS (Great Britain)	117
Microbiological Assay of Vitamin B and Biotin in some Nigerian Fermented Foods S. AYO ODUNFA (Nigeria)	129

- Charm Analysis of Apple Volatiles . . . . . 137  
 D. G. CUNNINGHAM, T. E. ACREE, J. BARNARD,  
 R. M. BUTTS and P. A. BRAELL (USA)

**Technical Note**

- Calcium Chloride Complex Formation of Glucose Syrups and Their  
 Fractions . . . . . 149  
 G. PASIN and G. G. BIRCH (Great Britain)

- Book Reviews . . . . . 159

*Number 3*

- Comparison of TBA Number of Irradiated Fish With Sensory Quality . . . . . 163  
 JOSÉ L. PICCINI, HUGO O. QUARANTA (Argentina) and  
 DAVID R. EVANS (USA)

- Varietal Differences in Properties of Extrusion-cooked Rice Flour . . . . . 173  
 MERCEDES B. DE MOSQUEDA, CONSUELO M. PEREZ,  
 RICARDO R. DEL ROSARIO, BIENVENIDO O. JULIANO  
 (The Philippines) and DONALD B. BECHTEL (USA)

- Dietary Fibre in Raw and Cooked Potatoes . . . . . 189  
 R. REISTAD and B. F. HAGEN (Norway)

- In Vitro* Digestibility, Physico-Chemical and Functional Properties of  
 Apricot Kernel Proteins . . . . . 197  
 M. H. ABD EL-AAL, M. A. HAMZA and E. H. RAHMA  
 (Egypt)

- Evaluation of the Milkoscan 104 A/B for Determination of Milk Fat,  
 Protein and Lactose in Milk of Some Mammals . . . . . 213  
 M. H. ABD EL-SALAM, A. F. AL-KHAMY and H. EL-ETRIBY  
 (Egypt)

- Application of Linear Discriminant Analysis to Different Proteolysis  
 Parameters for Assessing the Ripening of Manchego Cheese . . . . . 225  
 G. SANTA-MARÍA, M. RAMOS and J. A. ORDOÑEZ  
 (Spain)

**Technical Note**

- Effect of Extrusion Cooking on Nutritional Value of Rice Flour . . . . . 235  
 BJORN O. EGGUM (Denmark), BIENVENIDO O. JULIANO,  
 MARIA GRACIA B. IBABAO and CONSUELO M. PEREZ  
 (The Philippines)

- Book Reviews . . . . . 241

*Number 4*

- Effects of Stepwise Dietary Processing on the Nutritional Value of the  
 Seeds of *Treculia africana* . . . . . 245  
 R. OLA LAWAL and O. BASSIR (Nigeria)

Carbohydrate Determination of Royal Jelly by High Resolution Gas Chromatography (HRGC)	255
G. LERCKER, S. SAVIOLI, M. A. VECCHI, A. G. SABATINI, A. NANETTI and L. PIANA (Italy)	
Nitrate and Nitrite Contents of Some Fresh and Processed Egyptian Vegetables	265
TAISSER M. ABO BAKR, S. M. EL-IRAQUI and MONA H. HUISSEN (Egypt)	
Flavour Enhancement, by Lipase Addition, of Ras Cheese Made from Reconstituted Milk	277
M. M. OMAR, A. I. EL-ZAYAT and M. ASHOUR (Egypt)	
Apricot Kernel Oil: Characterization, Chemical Composition and Utilization in Some Baked Products	287
M. H. ABD EL-AAL, M. K. M. KHALIL and E. H. RAHMA (Egypt)	
<b>Technical Notes</b>	
Volatile Aroma Constituents of Noble Muscadine Grapes	299
OLUSOLA LAMIKANRA (USA)	
Biochemical Action of <i>Balanites aegyptiaca</i> Fruits as a Possible Hypoglycemic Agent	307
S. S. EL-SAADANY, E. A. ABDEL-RAHIM and M. M. WASIF (Egypt)	
Book Reviews	317