

CONTENTS OF VOLUME 35

Number 1

- The Surface-Active Properties of Muscle Proteins 1
EILEEN O'NEILL, P. A. MORRISSEY & D. M. MULVIHILL
(Republic of Ireland)
- Chlorogenic Acids and Purine Alkaloids Contents of Maté (*Ilex paraguariensis*)
Leaf and Beverage 13
MICHAEL N. CLIFFORD (UK) & JOSE R. RAMIREZ-MARTINEZ
(Venezuela)
- A Study of the Ascorbic Acid Intake of Children and Aged People in Selected
Rural, Sub-urban and Urban Locations in Northern Nigeria 23
J. A. ABALAKA, H. O. AKANYA & S. A. GARBA (Nigeria)
- Effect of Roasting Process Variables on In-Vitro Protein Digestibility on
Bengalgram, Maize and Soybean 31
P. P. SRIVASTAV, H. DAS & SITARAM PRASAD (India)
- A Rapid Method for the Determination of Fat in Foodstuffs by Infrared
Spectrometry 39
D. A. CRONIN & K. MCKENZIE (Republic of Ireland)
- Determination of Methyl 2-Benzimidazolecarbamate in Fruit Juices by Immunoassay 51
RODNEY J. BUSHWAY, SHARON A. SAVAGE &
BRUCE S. FERGUSON (USA)
- Levels of Aluminium in Green Leaf of Clonal Teas, Black Tea and Black Tea
Liquors, and Effects of Rates of Nitrogen Fertilizers on the Aluminium Black Tea
Contents 59
PHILIP O. OWUOR, FRANCIS O. GONE, DAVID B. ONCHIRI &
ISAAC O. JUMBA (Kenya)
- Dye-Binding 'Stoichiometry' and Selectivity of Cresol Red with Various Proteins 69
I. MOLNÁR-PERL, M. PINTÉR-SZAKÁCS &
D. MEDZIHRADESKY (Hungary)

Number 2

- Effect of Cooking on the Antinutritional Factors of Lima Beans (*Phaseolus lunatus*) 81
I. A. EGBE & I. O. AKINYELE (Nigeria)

Chemical Characterization of Proteases Extracted from Wild Thistle (<i>Cynara cardunculus</i>)	89
ROLANDO CAMPOS, RICARDO GUERRA, MARLENE AGUILAR, ORO VENTURA & LAVINIA CAMACHO (Chile)	
Effect of Mango (<i>Mangifera indica</i> L.) Seed Kernels Pre-extract on the Oxidative Stability of Ghee	99
S. S. PARMAR & R. S. SHARMA (India)	
Enzymatic Determinations of Glucose, Sucrose and Maltose in Food Samples by Flow Injection Analysis	109
S. M. TZOUWARA-KARAYANNI & S. R. CROUCH (USA)	
The Application of HPLC to the Determination of Low Molecular Weight Sugars and Polyhydric Alcohols in Foods: A Review	117
G. F. M. BALL (UK)	
Research Note	
Comparison of Methods for Determination of High Water Activities. Application to Dairy Products and Juices	153
M. A. ESTEBAN, M. ALCALÁ, A. MARCOS & J. FERNÁNDEZ-SALGUERO (Spain)	
Letter to the Editors	159

Number 3

The Effect of Germination on the Oligosaccharides, Trypsin Inhibitors and Nutrient Content of Cowpea Milk	161
I. A. ABUDU & I. O. AKINYELE (Nigeria)	
A Data Processing Method for the Determination of the Concentration of the Components of Unsaponifiable Matter in Vegetable Oils	167
A. M. F. ABOU HADEED, A. R. KOTB (Qatar) & C. E. J. DANIELS (UK)	
Equations for Calculation of Water Activity in Cheese from its Chemical Composition: A Review	179
M. A. ESTEBAN & A. MARCOS (Spain)	
Assessment of the Saponification Step in the Quantitative Determination of Carotenoids and Provitamins A	187
MIEKO KIMURA, DELIA B. RODRIGUEZ-AMAYA & HELENA T. GODOY (Brazil)	
Aluminium Content of Egyptian Breads	197
FELIB Y. ISKANDER, KAREN R. DAVIS (USA), HUSSEIN ASHOUR & HASSAN F. HASSAN (Egypt)	

Effects of Gamma Irradiation and Temperature on Sugar and Vitamin C Changes in Five Indian Potato Cultivars During Storage	209
M. R. JOSHI, A. N. SRIRANGARAJAN & PAUL THOMAS (India)	

Histamine and Tyramine in Spanish Wines: Relationships with Total Sulfur Dioxide Level, Volatile Acidity and Malo-lactic Fermentation Intensity	217
M. C. VIDAL-CAROU, R. CODONY-SALCEDO & A. MARINÉ-FONT (Spain)	

Technical Note

Studies on Tropical Vegetables. Part 1: Seed Amino, Fatty Acid and Glucosinolate Profile of Ethiopian Mustards (<i>Brassica carinata</i> Braun)	229
N. A. MNZAVA (Zambia) & K. OLSSON (Sweden)	

Biosynthesis of Lectins in Developing Seeds of Common Bean	237
O. PAREDES-LÓPEZ, F. GUEVARA-LARA & A. P. BARBA DE LA ROSA (Mexico)	

Number 4

The Plastein Reaction Revisited: Evidence for a Purely Aggregation Reaction Mechanism	243
ANTHONY T. ANDREWS & EFSTATHIOS ALICHANIDIS (UK)	

Electrophoretic Analysis of Proteins from Chicken after Irradiation and during Cold Storage	263
IBRAHIM M. HASSAN (Egypt)	

Effect of Different Treatments on Keeping Quality of Pearl Millet Flour	277
RASHMI KAPOOR & AMIN C. KAPOOR (India)	

Studies on Tropical Vegetables. Part 2: Amino and Fatty Acid Composition in Seed of Cleome (<i>Gynandropsis gynandra</i> L. Briq) Selections from Zambia	287
N. A. MNZAVA (Zambia)	

Lipid Oxidation in Muscle Foods: A Review	295
D. LADIKOS & V. LOUGOVOIS (UK)	

Compositional and Protein Digestibility Changes in Maize (<i>Z. mays</i>) and Cowpea (<i>V. unguiculata</i>) after Storage at Ambient Conditions	315
A. O. ONIGBINDE & I. O. AKINYELE (Nigeria)	