

## CONTENTS OF VOLUME 15

### Number 1

Nature of the Amino Acid Catalysis of the Glucose Mutarotation Reaction ROBERT S. SHALLENBERGER (USA)	1
Chemical Evaluation of the Nutritive Value of the Raffia Palm Fruit ( <i>Raphia hookeri</i> ) D. O. EDEM, O. U. EKA and E. T. IFON (Nigeria)	9
Microstructure, Free Amino Acids and Free Fatty Acids in Ras Cheese MOHAMED M. OMAR (Egypt)	19
Composition of Some Tropical Tuberos Foods T. E. EKPENYONG (Nigeria)	31
The HPLC Analysis of Thiamin and Riboflavin in Potatoes P. M. FINGLAS and R. M. FAULKS (Great Britain)	37
Studies on the Kinetics of Amyloglucosidase as Affected by Native and Derivatized Corn Starch K. M. EL-SAHY, S. H. AHMED, R. M. ATTIA and A. H. FAHMY (Egypt)	45
<b>Technical Notes</b>	
Chlorination of Maltose with Triphenylphosphine- <i>N</i> -Chlorosuccinimide (TPP-NCS) Reagent STANLEY Z. DZIEDZIC, ELNER B. RATHBONE and G. G. BIRCH (Great Britain)	51
Influence of Sodium Citrate on the Heat Stability of Buffalo Milk and its Concentrate J. S. SINDHU and M. TAYAL (India)	57
Reviews	63
Announcement	69

### Number 2

Editorial	71
Chairman's Opening Remarks	73
A Mechanism for Sulphite Ion Reacting with Vitamin B <sub>1</sub> and Its Analogues JOHN A. ZOLTEWICZ, GLENN M. KAUFFMAN and GEORG URAY (USA)	75

The Formation of Inorganic Sulphur Oxoanion Systems from Sulphur Dioxide in Non-Aqueous Solvents . . . . .	93
DAVID C. GOODALL (Great Britain)	
Reactions of Oxidation Intermediates of Sulphite Species with Some Cellular Components of Plants . . . . .	113
SHANG FA YANG (USA)	
Afternoon Chairman's Comments . . . . .	125
Biological and Toxicological Consequences of Reactions Between Sulphur (IV) Oxoanions and Food Components . . . . .	127
R. WALKER (Great Britain)	
Some New Analytical Procedures of Relevance to the Determination of Sulphur (IV) Oxoanions in Foods ( <i>Abstract</i> ) . . . . .	139
A. TOWNSHEND (Great Britain)	
Recent Developments in the Understanding of the Chemistry of Sulphur (IV) Oxospecies in Dehydrated Vegetables . . . . .	141
B. L. WEDZICHA, O. LAMIKANRA, J. C. HERRERA and S. PANAHÍ (Great Britain)	
A New Enzymatic Method for Determination of Sulphite in Food . . . . .	157
H. O. BEUTLER (West Germany)	

*Number 3*

Antimicrobial Activities of Heated Glucose and Fructose Solutions and Their Elucidation by High Performance Liquid Chromatography . . . . .	165
T. SUORTTI and Y. MALKKI (Finland)	
Studies on Proteins and Amino Acids Exposed to Supercritical Carbon Dioxide Extraction Conditions . . . . .	175
JÜRGEN K. P. WEDER (Federal Republic of Germany)	
Ripening Changes of Ras Cheese Made from Recombined Milk as Affected by Certain Additives . . . . .	191
A. M. RABIE, S. M. FARAHAT, A. A. ABDEL BAKY and M. M. ASHOUR (Egypt)	
Protein Nutritional Value of Extrusion-Cooked Wheat Flours . . . . .	203
I. BJÖRCK, N.-G. ASP and A. DAHLQVIST (Sweden)	
Investigations on the Trypsin Inhibitor, Urease and Cooking Behaviour of Soybean <i>Glycine max</i> Merr. . . . .	215
A. P. GANDHI, M. M. NENWANI and N. ALI (India)	
A Study of the Effect of Roasting on the Chlorogenic Acid Composition of Coffee Using HPLC . . . . .	219
L. C. TRUGO and R. MACRAE (Great Britain)	

**Technical Notes**

Sugar Distribution in Sweet Stalk Sorghum . . . . .	229
S. KRISHNAVENI, THEYMOLI BALASUBRAMANIAN and S. SADASIVAM (India)	
Fatty Acids and Sterols of <i>Amaranthus tricolor</i> L. . . . .	233
TUDOR FERNANDO and GEORGE BEAN (USA)	
Book Review . . . . .	239
Announcements . . . . .	241

*Number 4*

Total Protein and Amino Acids Contents of Some Common Foods in South East Asia . . . . .	243
H. G. ANG, W. L. KWIK and C. Y. THENG (Singapore)	
Spectrophotometric Determination of Arginine in Proteins . . . . .	257
C. S. P. SASTRY and M. K. TUMMURU (India)	
Lysine in Cassava Based Diets: I. A Note on the Effect of Heat on Digestibility and Available Lysine . . . . .	261
S. R. A. ADEWUSI and O. L. OKE (Nigeria)	
Glycogen Determination in Post-Mortem Beef Muscles . . . . .	269
S. FABIANSSON and A. LASER REUTERSWÄRD (Sweden)	
Release of Peptides and Amino Acids from Dietary Proteins during Sequential Enzymatic Digestion <i>in vitro</i> with Pepsin, Pancreatin + Trypsin and Erepsin . . . . .	285
M. RAGHUNATH and B. S. NARASINGA RAO (India)	
The Activity of Lactase ( <i>Streptococcus thermophilus</i> ) in Milk and Sweet Whey . . . . .	307
N. A. GREENBERG and R. R. MAHONEY (USA)	
Book Reviews . . . . .	315