

CONTENTS OF VOLUME 8

Number 1

Carboxylated Chitins and Chitosans RICCARDO A. A. MUZZARELLI (Italy)	1
Effect of a Proteinase on the Macromolecular Distribution of <i>Acacia senegal</i> Gum SIOBHAN CONNOLLY, JEAN-CLAUDE FENYO & MARIE-COLETTE VANDEVELDE (France)	23
Effect of Cellulase Pretreatments on Red Algae Agar Extractability RICARDO SAN MARTIN, JOSE M. AGUILERA & ANDRES I. HOHLBERG (Chile)	33
A Study of Amylose Gelation Using a Synchrotron X-Ray Source K. J. I'ANSON, M. J. MILES, V. J. MORRIS, S. G. RING & C. NAVE (UK)	45
Coacervation of Gelatin-XM6 Mixtures and their Use in Microencapsulation. G. R. CHILVERS, A. P. GUNNING & V. J. MORRIS (UK)	55
News and Views	63
Bibliography on Carbohydrate Polymers	68
Book Reviews	81

Number 2

Water-soluble (1 → 3, 1 → 4)-β-D-Glucans from Barley (<i>Hordeum vulgare</i>) Endosperm. IV. Comparison of 40°C and 65°C Soluble Fractions. J. R. WOODWARD, D. R. PHILLIPS & G. B. FINCHER (Australia)	85
X-Ray Fibre Diffraction Studies on Konjac Mannan-Kappa Carrageenan Mixed Gels P. CAIRNS, M. J. MILES & V. J. MORRIS (UK)	99
Studies on the Heterogeneity of Citrus Pectin by Gel Permeation Chromatography on Sepharose 2 B/Sepharose 4 B GISELA BERTH (GDR)	105
Preparative Fractionation of Natural Polysaccharides by Size Exclusion Chromatography D. LECACHEUX & G. BRIGAND (France)	119
Research Note Investigation of Ion Exchange on Films of Pectic Substances by Infrared Spectroscopy M. P. FILIPPOV, M. S. KOPMISSARENKO (USSR) & R. KOHN (Czechoslovakia)	131
News and Views	137
Bibliography on Carbohydrate Polymers	143
Book Reviews	157

Number 3

Alginates	161
PETER GACESA (UK)	
Non-Equilibrium Melting of Native Granular Starch: Part I. Temperature Location of the Glass Transition Associated with Gelatinization of A-Type Cereal Starches	183
LOUISE SLADE & HARRY LEVIN (USA)	
Characterisation and Oxidative Crosslinking of Sugar-Beet Pectins Extracted from Cossettes and Pulps under Different Conditions	209
J.-F. THIBAUT (France)	
Notices	225
Bibliography on Carbohydrate Polymers	227

Number 4

Controlled Gelation of Xanthan by Trivalent Chromic Ions.	245
TORGEIR LUND, OLAV SMIDSRØD, BJØRN TORGER STØKKE & ARNLJOT ELGSAETER (Norway)	
On the Molecular Weight of Pectic Substances and its Relation to Their Gel Strengths	257
I. N. PANCHEV, N. A. KIRTCHEV, CHR. G. KRATCHANOV & T. PROICHEV (Bulgaria)	
Xanthan/Carob Interactions at Very Low Concentration	271
G. CUVELIER & B. LAUNAY (France)	
Effects of Seasons on the Chemical Structure and Gel Strength of <i>Gracilariaria pseudoverrucosa</i> Agar (Gracilariaceae, Rhodophyta)	285
M. LAHAYE & the late W. YAPHE (Canada)	
News and Views	303
Bibliography on Carbohydrate Polymers	307