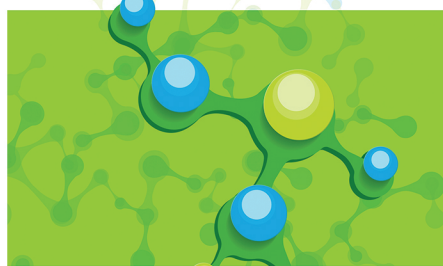


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ADVANCES IN PHYSICOCHEMICAL
PROPERTIES OF BIOPOLYMERS

Part 1



Editors:
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About the eBook

This reference presents reviews on the progress in different analytical and characterization methods of biopolymers.

Contents

- Molecular Weight and Molecular Weight Distribution for Biopolymers
- Intrinsic Viscosity Bovine Serum Albumin in Aqueous Solutions: Temperature Influence on Mark-Houwink Parameters
- Small Angle Scattering and ab initio Modeling
- High-Performance Size-Exclusion Chromatography coupled with on-line Multi-angle Laser Light Scattering (HPSEC-MALLS)
- Field-Flow Fractionation (FFF)
- Rheology of Recent Vegetal-Based Biopolymers
- Gels of Ferulated Arabinoxylans: Rheology, Structural Parameters and Microstructure
- Sol and Gel Based on Polysaccharide: Characterization and Structure-properties Relationship
- Biopolymers from Mesquite Tree (*Prosopis* spp.)
- Direct Measurement of Free Volume Properties in Polymeric Materials
- Structural Analysis of Sulfated Polysaccharides
- Physicochemical, Antimicrobial and Mechanical Properties of Thermoplastic Materials Based on Biopolymers with Application in the Food Industry
- Influence of Nanostructures in the Physicochemical Properties of Polysaccharide Based Biocomposites: Characterization and Applications
- Intrinsic Viscosity of Strong Linear Polyelectrolytes in Solutions of Low Ionic Strength and Its Interpretation
- Interrelation Between Polysaccharides and Different Surfactant Types
- Theoretical Models for Biopolymers

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