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## **Gels: Structures, Properties, and Functions | SpringerLink**

Explaining the texture properties of whey protein isolate/starch co-gels from fracture structures Wei Fu and Takashi Nakamura\* Department of Agricultural Chemistry, Graduate School of Agriculture, Meiji University, Kawasaki, Japan

## **Explaining the texture properties of whey protein isolate**

Structure of gels V. Macroscopic properties of gels due to their nature and structure 503 504 504 510 511 I. INTRODUCTION Many, often controversial papers have now been published on the nature and structure of gels, the laws of the transition from solution to gel-like state and the mecha-

## **Formation, Structure, and Properties of Polymer Gels**

Journal of Crystal Growth 205 (1999) 375}381 Physical and chemical properties of gels Application to protein nucleation control in the gel acupuncture technique

## **Physical and chemical properties of gels Application to**

Structure and Functional Properties of Gels Tanaka F, Koga T, Winnik FM Competitive hydrogen bonds and cononsolvency of poly(N-isopropylacrylamide)s in mixed solvents of water/methanol Sekitani T, Urayama K, Tsuruta M, Mitsuzuka M, Takigawa T Rheological properties of solutions of a polyampholytic block copolymer Inomata K, Takai T, Ohne N ...

## **Gels: Structures, Properties, and Functions : Fundamentals**

1. BEMILLE Pectins:R Structure and Properties 3 Pectins are mixtures of polysaccharides that originate from plants, contain pectinic acids as major components, are water soluble, and are able to form gels under suitable conditions (See

## **An Introduction to Pectins: Structure and Properties**

A brief review is presented of the structure and properties of inorganic gels. The mechanism of formation of gels and precipitates involves the aggregation of polymers or particles.

## **Structure and properties of gels - ScienceDirect**

The porous structure of Silica gel confers on it a very high specific area, which is the measure of the surface within the sponge-like structure. With a surface of this magnitude, the product has a high capacity to adsorb water vapour.

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