

## Casein

*Cat. No.* CSUB-0768

*Lot. No.* (See product label)

### Introduction

**Description** Casein is the name for a family of related phosphoproteins. These proteins are commonly found in mammalian milk, making up 80% of the proteins in cow's milk and between 20% and 45% of the proteins in human milk. Casein has a wide variety of uses, from being a major component of cheese, to use as a food additive, to a binder for safety matches. As a food source, casein supplies amino acids, carbohydrates, and the two inorganic elements calcium and phosphorus.

**Applications** A high molecular weight phosphoprotein used as a substrate for bromelain and other proteases

### Product Information

**Form** Solid

**CAS No.** 9000-71-9

**Melting Point** 280 °C (lit.)(dec.)

**Substrates** Casein kinase II

### Storage and Shipping Information

**Storage** Desiccate at room temperature