

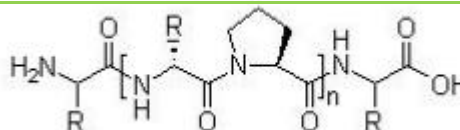
## TECHNICAL DATA SHEET

# Collagen Type II

### Chemical Properties

CAS: 9007-34-5

Chemical Formula:  $C_4H_6N_2O_3R_2 \cdot (C_7H_9N_2R)_n$



### Description

Collagen Type II is extracted from chicken cartilage, rich in protein and carbohydrate. Insoluble in acetone, ethanol and other organic solvents.

### Solubility

It is rich in protein and can be completely dissolved in water.

### Specification

Item	Specification	Test Method
Appearance	White or off white powder	Visual
Odor	Characteristic	Organoleptic
Particle Size	100% through 100 mesh	In-house
Assay(Mucopolysaccharide)	Min 26.0%	In-house
Moisture	Max 10.0%	In-house
pH	5~7	In-house
Ash	Max 8.0%	In-house
Protein	Min 60%	In-house
Fat	Max 1.0%	In-house
Heavy metals	Max 10 ppm	In-house
Lead	Max 0.5 ppm	In-house
Arsenic	Max 0.1 ppm	In-house
Total plate count	Max 1000cfu/g	In-house
Yeasts & Molds	Max 100cfu/g	In-house
Coliforms	Max 3.0MPN/10g	In-house
<i>Salmonella</i>	Negative	In-house

### Ingredients

Protein; Mucopolysaccharide and others

### Labeling

In the United States and the European Union: Collagen Type II

### Applications

Use in the field of Medical, Health products, Nutrition foods, Nutritional additive of Milky drinks. It also can be

manufactured as tablet, powder, capsule, oral liquid and so on. Effective usage for adult is about 1800mg/day.

## Safety

---

This product is safe for the intended use. Avoid ingestion, inhalation of dust or direct contact by applying suitable protective measures and personal hygiene. See Material Safety Data Sheet for full safety information.

## Handling recommendations

---

Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Store in a well-closed container away from moisture and direct sunlight.

## Packaging, Storage & Shelf Life

---

Package: 25kg/drum;or according to customers' requirements.  
Storage: Stored at room temperature and keep it clean,ventilated warehouse,sun and moistyre proof.  
Shelf life: 3 years if sealed and stored properly.