Chondroitin Sulfate

Chondroitin sulfate sodium (glycosaminoglycan mixture) · CAS 9007-28-7 · Chondroitin sulfate sodium, bovine cartilage

CATALOG TDS — CONFIRMED IN WRITING AT QUOTATION

CHEMICAL FORM	FORMULA	CAS	PRIMARY ASSAY
Chondroitin sulfate sodium, bovine cartilage	Chondroitin sulfate sodium (glycosaminoglycan mixture)	9007-28-7	90.0–105.0% (CPC titration)
METHOD	MINIMUM ORDER	LEAD TIME	STANDARD PACK
CPC titration	1 kg	1–7 days	1 kg foil pouch · 25 kg fiber drum

DESCRIPTION

Bovine cartilage chondroitin sulfate sodium specified at 90.0–105.0% on the dried basis, for capsules and tablets where the assay, the source and the BSE/TSE file have to be declared.

SPECIFICATION

PARAMETER	SPECIFICATION	METHOD / NOTE
Assay (dried basis)	90.0–105.0% (CPC titration)	As stated
Appearance	White to off-white powder	As stated
Identification	IR and electrophoretic profile conform	As stated
Loss on drying	≤10.0%	As stated
pH (5% solution)	5.5–7.5	As stated
Protein	≤6.0%	As stated
Heavy metals	Pb ≤3 · As ≤2 · Cd ≤1 · Hg ≤0.1 mg/kg	As stated
Microbiology	APC ≤1,000 cfu/g · yeast and mould ≤100 cfu/g · E. coli and Salmonella absent	As stated
Particle size	≥95% through 80 mesh	As stated
Marker set	Chondroitin sulfate sodium 90.0–105.0% (dried basis)	Identity
Solubility	Soluble in water; the solution is viscous.	Matrix dependent

APPLICATIONS

- Capsules and tablets
- Powder sticks and drink mixes

AVAILABLE FORMS

- Powder, 80 mesh
- Granulated on request
- Milled to 100 mesh on request

PACKING

- 1 kg foil pouch
- 25 kg fiber drum

STORAGE

Store in a cool, dry, well-ventilated area, away from direct sunlight and moisture. Keep the pack closed after sampling. The lot-specific retest date is shown on the batch COA.

DOCUMENTATION RELEASED WITH EACH LOT

- Batch-specific certificate of analysis
- Technical data sheet and safety data sheet
- Allergen, GMO, origin and residual-solvent statements
- Third-party reports on request

Catalog document. This TDS describes the grade we can quote. The final specification, pack and documentation are confirmed in writing before the order. It is not a batch COA and does not report a result for a specific lot.

Shaanxi Rainwood Biotech Co., Ltd. · Rm 218, Tangxing Digital Bldg, #6 Tangxing Rd, Xi'an, Shaanxi, China

info@rainwoodbio.com · nutrition.rainwoodbio.com