

YANTAI RUIKANGDA BIOCHEMICAL PRODUCTS CO., LTD.

Product Specification

Product: Chondroitin Sulphate CPC 90% HPLC 90% (As is)

Product standard: Enterprise Standard

Items	Specifications	Testing Method
Description	White or almost white, hygroscopic powder	Visual
Solubility	Freely soluble in water, practically insoluble in acetone and in ethanol (96 per cent)	Enterprise Standard
Chondroitin content	Min 90% by CPC (Dry basis)	USP
Chondroitin content	Min 90% by HPLC (As-Is)	Enterprise Standard
Identification	A I.R. spectrum B Sodium reaction C Electrophoregram	EP 2.2.24 EP 2.3.1 EP 2.2.31
Particle Size	100% through 80 mesh	US Standard Sieves
PH	5.5 ~ 7.5	EP 2.2.3
Chloride	0.5% Max	EP 2.4.4
Specific rotation	-20°~ -30°	EP 2.2.7
Related Substances Electrophoresis	<2.0%	EP 2.2.31
Heavy Metals	20ppm max	EP 2.4.8
Arsenic	<1ppm	ICP-MASS
Lead	<3ppm	ICP-MASS
Cadmium	<1ppm	ICP-MASS
Mercury	<0.1ppm	ICP-MASS
Protein	3% max	EP 2.5.33
Loss on drying	12% max	EP 7.0 / USP <731>
Residue on ignition	20% ~ 30%	USP <281>
Total Plate Count	1000CFU/g max	EP 2.6.12
Yeast and Mold	100CFU/g max	EP 2.6.12
E. Coli	Negative in 1g	EP 2.6.13
Salmonella	Negative in 10g	EP 2.6.13
Staphylococcus, Aureus	Absence/g	EP 2.6.13
Pseudomonas Aeruginosa	Absence/g	EP 2.6.13
Shelf life	2 years when properly stored.	
Storage	Stored in a well-closed container in cool and dry place, keep away from direct strong light and heat.	
Package	Packed In Two Layers Of Plastic Bag In Fiber Drum,25kg Per Drum	