

Specification Sheet

Product Name:	Chondroitin sulfate sodium (from Porcine Cartilage)
Specifications & Purity:	≥90%
SKU #	C774029

Parameter	Limit Values
Appearance(C774029)	Fine white powder
Solubility(1% H ₂ O),Clear Solution	Pass
Specific Rotation [α] ₂₀ /D(c=3 in H ₂ O)	-30~-20 (°)
Purity(HPLC)	90-100 (%)
PH(1% in H ₂ O)	5.5-7.5
Loss on drying	0-10 (%)
Protein	0-3.5 (%)
Residue on Ignition	20-30 (%)
Sulfur(S)	5.5-7.5 (%)
Heavy metals	0-20 (ppm)
Nitrogen by Elemental Analysis	2.5-3.5 (%)
Chloride (Cl ⁻)	0-0.5 (%)
Arsenic(As)	0-2 (ppm)
Total Plate Count	0-1000(CFU/g)
Yeast and Mold	0-100 (CFU/g)
E.coli	Negative
Salmonella	negative
Identification NIR/USP	Complied
Chondroitin A to C Ratio:1:5	Pass
Cadmium(Cd)	0-1.5 (ppm)
Lead(Pb)	0-5 (ppm)
Mercury(Hg)	0-5 (ppm)
Staphylococcus Aureus	Negative
Residual solvents	0-0.5 (%)
Sulfate(SO ₄ ²⁻)	0-0.24 (%)
Sodium(Na)	0-7 (%)