

Specification Sheet

Product Name: **Chondroitin sulfate sodium (from Chicken Cartilage)**
Specifications & Purity: **≥90%**
SKU #: **C774112**

| Parameter | Limit Values |
|---|-------------------|
| Appearance(C774112) | 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(c=1%, 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 | none detected |
| 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 (%) |