

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Chondroitin sulfate sodium salt from shark cartilage**
Specifications & Purity: **≥95%**
SKU #: **C107703**

Parameter	Limit Values
Water by Karl Fischer	0-10 (%)
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	-20--10 (°)
Sulfur by Elemental Analysis	≥4 (%)
Sodium(ICP)	≥4 (%)
Residual solvents	0-4 (%)
Purity(HPLC)	95-100 (%)
Appearance (C107703)	White to Off-White Powder
6-Sulfate:4-Sulfate ratio(HPLC)	≥ 0.33:1
Infrared spectrum	Conforms to Structure
Solubility in 0.9% Sodium Chloride	Colorless to faint yellow,Clear to hazy,10mg/ml