

Certificate of Analysis

Date of Testing: 2023-07-03 18:54:50

Date of Next Testing: 2026-07-02 18:54:50

Product Name: **Chondroitin sulfate B sodium salt**

CAS Number: 54328-33-5

Specifications & Purity: From pig intestinal mucosa; 95%; Freeze dried powder; Average MW 30-40KDa

Lot #: F2328890

SKU #: **C477635**

Analysis: **218006**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)(After digestion)	50-100 (%)	98.89800 %
Water by Karl Fischer	0-20 (%)	0.78 %
Average Molecular Weight	30000-40000 (Da)	36700.00000 Da
Specific rotation $[\alpha]_{20/D}$ (C=1, H ₂ O) (calcd.on dried substance)	-72~-64 (°)	-68.32700 °
Proton NMR spectrum	95-100 (%)	95.01000 %
Appearance(C477635)	White to Almost white powder	White to almost white powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager