

Certificate of Analysis

Date of Testing: 2024-07-03 11:47:25

Date of Next Testing: 2027-07-03 11:47:25

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

CAS Number: 54328-33-5

Specifications & Purity: from Porcine intestinal mucosa, ≥90%, lyophilized powder; average MW 30-40KDa

Lot #: F2421198

SKU #: **C477635**

Version: **2**

Analysis #: **361400**

Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Water by Karl Fischer	0-20 (%)	5.35 %
Purity(HPLC)(After digestion)	50-100 (%)	92.77800 %
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 (°)	-70.03700 °
Proton NMR spectrum	95-100 (%)	95.00000 %
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