

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-11 16:47:04

Date of Next Testing: 2028-09-10 16:47:04

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

CAS Number: 54328-33-5

Specifications & Purity: $\geq 90\%$, lyophilized powder, from porcine intestinal mucosa, lyophilized powder; average MW 30-40KDa

Lot #: I2501270

SKU #: **C477635**

Version: **2**

Analysis #: **526602**

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

Parameter	Limit Values	Result
Water by Karl Fischer	0-20 (%)	14.25 %
Proton NMR spectrum	95-100 (%)	95.13000 %
Purity(HPLC)(After digestion)	50-100 (%)	96.03000 %
Specific rotation $[\alpha]_{20/D}$ (C=1, H ₂ O) (calcd. on dried substance)	-72~-64 (°)	-64.13000 °
Average Molecular Weight	30000-40000 (Da)	36400.00000 Da
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