

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-26 16:18:42
 Date of Next Testing: 2029-02-25 16:18:42
 Product Name: **Chondroitin 4-sulfate sodium salt**
 CAS Number: 39455-18-0
 Specifications & Purity: mixture of isomers, main component: chondroitin 4-sulfate
 Lot #: B2522135
 SKU #: **C109526**
 Version: **0**
 Analysis #: **456361**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-30--20 (°)	-21.40800 °
Water by Karl Fischer	0-10 (%)	6.37330 %
Purity(HPLC)(mixture of isomers)	85-100 (%)	99.17800 %
Appearance (c109526)	Off-White to Light Yellow Powder	Off-White to Light Yellow Powder
Solubility in H ₂ O , Clear to Hazy Colorless to Faint Yellow,100 mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager