

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-12 15:21:41
Date of Next Testing: 2029-06-11 15:21:41
Product Name: **Chondroitin 4-sulfate sodium salt**
CAS Number: 39455-18-0
Specifications & Purity: mixture of isomers, main component: chondroitin 4-sulfate
Lot #: I2115146
SKU #: **C109526**
Version: **0**
Analysis #: **522691**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-30--20 (°)	-20.60°
Purity(HPLC)(mixture of isomers)	85-100 (%)	86.10%
Water by Karl Fischer	0-10 (%)	8.22%
Appearance (c109526)	Off-White to Light Yellow Powder	Off-White to Light Yellow Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Clear to Hazy Colorless to Faint Yellow,100 mg/ml	pass	Pass



John Su
QA & QC Manager