

Certificate of Analysis

Date of Testing: 2024-04-22 17:05:11
Date of Next Testing: 2028-04-21 17:05:11
Product Name: **Chondroitin 4-sulfate sodium salt**
CAS Number: 39455-18-0
Specifications & Purity: mixture of isomers, main component: chondroitin 4-sulfate
Lot #: D2407065
SKU #: **C109526**
Analysis: **079067**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-30--20 (°)	-20.54°
Water by Karl Fischer	0-10 (%)	5.98%
Purity(HPLC)(mixture of isomers)	85-100 (%)	86.10%
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