

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-01 16:08:42

Date of Next Testing: 2029-06-30 16:08:42

Product Name: **Chondroitin 4-sulfate sodium salt**

CAS Number: 39455-18-0

Specifications & Purity: for cell culture, ≥85%, lyophilized powder

Lot #: F2524160

SKU #: **C109527**

Version: **1**

Analysis #: **529040**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.3 (%)	0.10250 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-30--20 (°)	-23.46300 °
Purity(HPLC)	85-100 (%)	98.86800 %
Cell Culture Test	pass	Pass
Residue	chondroitin sulfate C	chondroitin sulfate C
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager