

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-17 15:09:55

Date of Next Testing: 2027-08-16 15:09:55

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

CAS Number: 39455-18-0

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

Lot #: H2315313

SKU #: **C109527**

Version: **1**

Analysis #: **061730**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.3 (%)	0.20000 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-30--20 (°)	-22.40100 °
Purity(HPLC)	85-100 (%)	96.78600 %
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