

## Certificate of Analysis

Date of Testing: 2023-11-28 09:59:48

Date of Next Testing: 2027-11-27 09:59:48

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

CAS Number: 39455-18-0

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

Lot #: K2324063

SKU #: **C109527**

**Analysis:** **061730**

Storage Temperature: Store at 2-8°C

| Parameter                                                       | Limit Values          | Result                |
|-----------------------------------------------------------------|-----------------------|-----------------------|
| Water by Karl Fischer                                           | 0-0.3 (%)             | 0.20 %                |
| Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O) | -30--20 (°)           | -22.40 °              |
| 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 |



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