

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-22 08:43:48

Date of Next Testing: 2029-03-21 08:43:48

Product Name: **Dextran sulfate sodium salt(DSS)**

CAS Number: 9011-18-1

Specifications & Purity:

Lot #: C2520293

SKU #: **D491691**

Version: **1**

Analysis #: **487112**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Sulfur by Elemental Analysis(Anhydrous)	16-20 (%)	17.04000 %
Specific Rotation [α] ₂₀ /D(c=6 in H ₂ O)	90-110 (°)	91.97200 °
Average Molecular Weight	4500-5500	4663.14000
Loss on drying	0-10 (%)	9.54250 %
Appearance(D491691-5k)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Solubility in H ₂ O , Colorless to Very Faint Yellow , Clear, 100 mg/mL	pass	Pass



John Su
QA & QC Manager