

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-23 17:18:16  
Date of Next Testing: 2027-05-22 17:18:16  
Product Name: **Dextran sulfate sodium salt**  
CAS Number: 9011-18-1  
Specifications & Purity:  
Lot #: E2318255  
SKU #: **D491691**  
**Analysis: 227102**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Sulfur by Elemental Analysis(Anhydrous)	16-20 (%)	17.40%
Specific Rotation [α] <sub>20</sub> /D(c=6 in H <sub>2</sub> O)	75-117 (°)	98.71°
Average Molecular Weight	450000-550000	475000.00
Loss on drying	0-10 (%)	3.72%
PH(1% in Water, 20°C)	6-8	7.14
Solubility in H <sub>2</sub> O, Colorless to Very Faint Yellow, Clear, 100 mg/mL	Pass	Pass
Appearance(D491691-500k)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals



John Su  
QA & QC Manager