

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-27 17:27:07  
Date of Next Testing: 2027-07-26 17:27:07  
Product Name: **Dextran sulfate sodium salt**  
CAS Number: 9011-18-1  
Specifications & Purity:  
Lot #: G2326019  
SKU #: **D491691**  
**Analysis:** **257198**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter  | Limit Values                             | Result                                   |
|--|--|--|
| Sulfur by Elemental Analysis(Anhydrous)  | 16-20 (%)                                | 16.01 %                                  |
| Specific Rotation [α] <sub>20</sub> /D(c=6 in H <sub>2</sub> O)                  | 90-110 (°)                               | 92.06 °                                  |
| Average Molecular Weight   | 4500-5500                                | 5000.00                                  |
| Loss on drying   | 0-10 (%)                                 | 7.25 %                                   |
| Appearance(D491691-5k)   | White to Light Yellow Powder or Crystals | White to Light Yellow Powder or Crystals |
| Solubility in H <sub>2</sub> O , Colorless to Very Faint Yellow ,Clear,100 mg/mL | pass                                     | Pass                                     |



John Su  
QA & QC Manager