

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-04-26 15:03:27  
Date of Next Testing: 2024-04-25 15:03:27  
Product Name: **Dextran sulfate sodium salt**  
CAS Number: 9011-18-1  
Specifications & Purity: M.W 500000  
Lot #: D2224026  
SKU #: **D100009**  
**Analysis: 058787**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter  | Limit Values                             | Result                                   |
|--|--|--|
| Sulfur by Elemental Analysis(Anhydrous)  | 16-20 (%)                                | 17.80%                                   |
| Specific Rotation [α] <sub>20</sub> /D(c=6 in H <sub>2</sub> O)                    | 75-117 (°)                               | 100.50°                                  |
| Average Molecular Weight   | 450000-550000                            | 500000.00                                |
| Loss on drying   | 0-10 (%)                                 | 6.20%                                    |
| PH(1% in Water, 20°C)  | 6-8                                      | 7.10                                     |
| Appearance (D100009)   | 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