

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-04-26 15:05:28  
Date of Next Testing: 2024-04-25 15:05:28  
Product Name: **Dextran sulfate sodium salt**  
CAS Number: 9011-18-1  
Specifications & Purity: M.W 500000  
Lot #: D2224013  
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