

## Certificate of Analysis

Date of Testing: 2023-01-06 18:13:50  
Date of Next Testing: 2025-01-05 18:13:50  
Product Name: **Dextran sulfate sodium salt**  
CAS Number: 9011-18-1  
Specifications & Purity: M.W 500000  
Lot #: A2304341  
SKU #: **D100009**  
**Analysis: 113793**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> /D(c=6 in H <sub>2</sub> O)	75-117 (°)	98.71°
Loss on drying	0-10 (%)	3.72%
PH(1% in Water, 20°C)	6-8	7.14
Sulfur by Elemental Analysis(Anhydrous)	16-20 (%)	17.40%
Average Molecular Weight	450000-550000	475000.00
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