

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-08 14:40:28
 Date of Next Testing: 2029-04-07 14:40:28
 Product Name: **dextran sulfates(DSS)**
 CAS Number: 9011-18-1
 Specifications & Purity: 2000 kDa HS
 Lot #: C2528134
 SKU #: **D397487**
 Version: **1**
 Analysis #: **154149**
 Storage Temperature: Store at 2-8°C, Argon charged, Desiccated

Parameter	Limit Values	Result
Specific optical rotation(6% solution of the dextran in water)	85-110 (°)	97.00000 °
Sulfur	16-20 (%)	20.00000 %
pH(25°C, 1% in 1M NaCl)	5.0-7.5	5.00000
Free sulfates	≤ 2 (%)	1.00000 %
Loss on drying	≤ 10 (%)	9.00000 %
Average Molecular Weight	1800000 - 2000000	2000000.00000
Appearance(D397487)	White to off white Powder	White to Off White Powder



John Su
QA & QC Manager