

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-04 11:17:22

Date of Next Testing: 2029-06-03 11:17:22

Product Name: **Dextran sulfate sodium salt(DSS)**

CAS Number: 9011-18-1

Specifications & Purity:

Lot #: E2529024

SKU #: **D491166**

Version: **1**

Analysis #: **521224**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] _{20/D} (c=6 in H ₂ O)	85-110 (°)	97.00000 °
pH(1% solution in 1M NaCl)	5-7.5	5.00000
Molecular Weight	1800000-3000000	2000000.00000
Loss on drying(105°C constant weight)	0-10 (%)	9.00000 %
Free sulfates	≤ 2 (%)	2.00000 %
Sulfur content	16-20 (%)	20.00000 %
Appearance(White to off white Powder)	pass	Pass



John Su
QA & QC Manager