

## Certificate of Analysis

Date of Testing: 2023-05-20 17:01:02

Date of Next Testing: 2027-05-19 17:01:02

Product Name: **dextran sulfates**

CAS Number: 9011-18-1

Specifications &amp; Purity:

Lot #: E2317044

SKU #: **D491663****Analysis: 226255**

Parameter	Limit Values	Result
Loss on drying	0-10 (%)	1.00 %
Sulfur(S)	16-20 (%)	16.00 %
Average Molecular Weight	500000-800000 (Da)	512908.00000 Da
Specific optical rotation(6% solution of the dextran in water)	75-115 (°)	86.00000 °
pH(25°C, 1% in 1M NaCl)	5.0-7.5	5.90000
Free sulfates	0-2 (%)	2.00000 %
Appearance(D491663-500kDaHS)	White to off-white Powder	White to Off-White Powder

John Su  
QA & QC Manager