

Certificate of Analysis

Date of Testing: 2023-05-20 17:05:50

Date of Next Testing: 2027-05-19 17:05:50

Product Name: **dextran sulfates**

CAS Number: 9011-18-1

Specifications & Purity:

Lot #: E2317078

SKU #: **D491663**

Analysis: 226262

Parameter	Limit Values	Result
Molecular Weight	9000-16000	11474.00
Loss on drying	0-10 (%)	2.00 %
Sulfur(S)	16-20 (%)	20.00 %
Specific optical rotation(6% solution of the dextran in water)	80-105 (°)	87.00000 °
pH(25°C, 1% in 1M NaCl)	5.0-7.5	5.90000
Free sulfates	0-2 (%)	2.00000 %
Appearance(D491663-10kDaHS)	White to off-white Powder	White to Off-White Powder



John Su
QA & QC Manager