

Certificate of Analysis

Date of Testing: 2023-05-22 17:17:39

Date of Next Testing: 2027-05-21 17:17:39

Product Name: **dextran sulfates**

CAS Number: 9011-18-1

Specifications & Purity:

Lot #: E2317051

SKU #: **D491663**

Analysis: 226759

Parameter	Limit Values	Result
Molecular Weight	35000-45000 (Da)	37302.00 Da
Loss on drying	0-10 (%)	0.01 %
Sulfur(S)	8-13 (%)	10.00 %
Specific optical rotation(6% solution of the dextran in water)	90-140 (°)	121.00000 °
pH(25°C, 1% in 1M NaCl)	5.0-7.5	5.80000
Free sulfates	0-2 (%)	2.00000 %
Appearance(D491663-40kDaLS)	White to off-white powder	White to Off-White Powder



John Su
QA & QC Manager