

## Certificate of Analysis

Date of Testing: 2023-05-20 17:02:36  
Date of Next Testing: 2027-05-19 17:02:36  
Product Name: **dextran sulfates**  
CAS Number: 9011-18-1  
Specifications & Purity:  
Lot #: E2317076  
SKU #: **D491663**  
Analysis: **226375**

Parameter	Limit Values	Result
Molecular Weight	16000-30000	16977.00
Loss on drying	0-10 (%)	0.40 %
Sulfur(S)	16-20 (%)	19.00 %
Specific optical rotation(C=6 in water,20°C)	75-115 (°)	97.00000°
PH(25 °C,1% in Water)	5-7.5	5.80
Free sulfates	0-2 (%)	2.00000 %
Appearance(D491663-20kDaHS)	white to off-white powder	White to Off-White Powder



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QA & QC Manager