

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-30 09:06:17
 Date of Next Testing: 2029-12-29 09:06:17
 Product Name: **Dextran**
 CAS Number: 9004-54-0
 Specifications & Purity:
 Lot #: L2522188
 SKU #: **D491699**
 Version: **1**
 Analysis #: **271739**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-20 (ppm)	2.00000 ppm
Inherent Viscosity	18-23 (ml/g)	19.00000 ml/g
Sulfate Ash	0-0.3 (%)	0.03000 %
Loss on Drying(105°C,5h)	0-7 (%)	3.90000 %
Bacterial endotoxins(10% sol.)	0-1 (EU/ml)	0.50000 EU/ml
PH (10% Water)	4.5-7	5.80000
MW/Mn	1.4-1.9	1.60000
Average Molecular Weight	35000-45000	38774.00000
Nitrogen containing substances	0-100 (ppm)	13.00000 ppm
Absorbance 375nm (10% solution,4cm)	0-0.2	0.02000
Specific Rotation [α] _{20/D}	195-203 (°)	197.00000 °
Arsenic(As)	0-1.3 (ppm)	1.30000 ppm
Appearance(D491699-40k)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager