

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-30 14:40:46
 Date of Next Testing: 2030-06-29 14:40:46
 Product Name: **Dextran**
 CAS Number: 9004-54-0
 Specifications & Purity:
 Lot #: F2629354
 SKU #: **D491699**
 Version: **2**
 Analysis #: **714058**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Nitrogen containing substances	0-100 (ppm)	3.00000 ppm
Heavy metal (as Pb)	0-5 (ppm)	3.00000 ppm
Average Molecular Weight	63000-77000	64894.00000
Sulfate Ash	0-0.3 (%)	0.10550 %
Average Molecular Weight Inherent Viscosity	24-29 (ml/g)	25.20000 ml/g
Loss on drying(105°C,5h)	≤7 (%)	4.44612 %
Absorbance 375nm (6% solution,4cm)	0-0.15	0.01000
MW/Mn	1.4-1.9	1.51000
Bacterial endotoxins(6% sol.)	0-0.5 (EU/ml)	0.04810 EU/ml
PH (6% Water)	4.5-7	6.55000
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	190-200 (°)	190.25000 °
Appearance(D491699-70k)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager