

ALADDIN SCIENTIFIC CORPORATION
 14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-20 09:18:16
 Date of Next Testing: 2029-09-19 09:18:16
 Product Name: **Dextran**
 CAS Number: 9004-54-0
 Specifications & Purity:
 Lot #: I2516081
 SKU #: **D491699**
 Version: **1**
 Analysis #: **226393**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Loss on Drying(105°C,5h)	0-7 (%)	3.90000 %
Specific Rotation [a]20/D	195-201 (°)	198.00000 °
Residual solvent(Ethanol and other solvents)(GC):	0-0.5 (%)	0.05000 %
Average Molecular Weight	54000-66000	59474.00000
Heavy metal (as Pb)	0-10 (ppm)	10.00000 ppm
Nitrogen by Elemental Analysis	0-110 (ppm)	11.00000 ppm
Microbial contamination	0-100 (cfu/g)	100.00000 cfu/g
Sulfate Ash	0-0.3 (%)	0.10000 %
Bacterial endotoxins	0-0.016 (IU/mg OR I.U./mg)	0.01500 IU/mg OR I.U./mg
Residual solvent(Methanol)(GC)	0-0.05 (%)	0.05000 %
Appearance(D491699-60k)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O	Almost transparency	almost transparency



John Su
 QA & QC Manager