

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-20 18:49:49

Date of Next Testing: 2027-06-19 18:49:49

Product Name: **Dextran**

CAS Number: 9004-54-0

Specifications & Purity:

Lot #: F2314471

SKU #: **D491699****Analysis:** **243631**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Loss on Drying(105°C,5h)	0-7 (%)	4.00 %
Average Molecular Weight	700000-800000	760000.00
Bacterial endotoxins	0-25 (EU/g)	24.50 EU/g
Nitrogen containing substances	0-100 (ppm)	30.00 ppm
Specific Rotation [α] _{20/D}	195-201 (°)	197.00 °
Microbial contamination	0-100 (cfu/g)	99.90 cfu/g
Sulfate Ash	0-0.3 (%)	0.20 %
Inherent Viscosity	49-55 (ml/g)	49.90 ml/g
Heavy metal (as Pb)	0-10 (ppm)	6.00 ppm
Appearance(D491699-750k)	White to Off-White Powder	White to Off-White Powder

A handwritten signature in black ink that reads "John Su".John Su
QA & QC Manager