

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-13 13:33:25

Date of Next Testing: 2029-09-12 13:33:25

Product Name: **Dextran**

CAS Number: 9004-54-0

Specifications & Purity:

Lot #: I2503115

SKU #: **D491699**

Version: **1**

Analysis #: **226690**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-5 (ppm)	5.00000 ppm
Molecular number	850-1150	974.00000
Nitrogen by Elemental Analysis	0-110 (ppm)	22.00000 ppm
Total yeasts and molds count(TYMC)	0-10 (cfu/g)	10.00000 cfu/g
Absorbance 375nm (15% solution,1cm)	0-0.12	0.03000
Total aerobic microbial count (TAMC)	0-100 (cfu/g)	100.00000 cfu/g
Loss on Drying(100°-105°C,5h)	0-5 (%)	3.10000 %
NaCl	0-1.5 (%)	0.00000 %
Bacterial endotoxins	0-25 (EU/g)	6.30000 EU/g
PH (15% Water)	4.5-7	5.60000
Specific Rotation [α] _{20/D}	148-164 (°)	158.00000 °
Appearance(D491699-1k)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager