

Certificate of Analysis

Date of Testing: 2023-05-22 15:56:00

Date of Next Testing: 2027-05-21 15:56:00

Product Name: **Dextran**

CAS Number: 9004-54-0

Specifications & Purity:

Lot #: E2318235

SKU #: **D491699**

Analysis: **226422**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Sulfate Ash	0-0.3 (%)	0.10 %
Nitrogen by Elemental Analysis	0-110 (ppm)	15.00 ppm
Microbial contamination	0-100 (cfu/g)	100.00 cfu/g
Heavy metal (as Pb)	0-10 (ppm)	5.00 ppm
Average Molecular Weight	100000-120000	108097.00
Specific Rotation [α] _{20/D}	195-201 (°)	199.00 °
Loss on Drying(105°C,5h)	0-7 (%)	4.50 %
Bacterial endotoxins	0-0.025 (IU/mg OR I.U./mg)	0.03 IU/mg OR I.U./mg
Appearance(D491699-110k)	White to Off-White Powder	White to Off-White Powder



John Su
QA & QC Manager