

Certificate of Analysis

Date of Testing: 2023-05-23 17:20:55

Date of Next Testing: 2027-05-22 17:20:55

Product Name: **Dextran**

CAS Number: 9004-54-0

Specifications & Purity:

Lot #: E2318236

SKU #: **D491699**

Analysis: **226864**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Average Molecular Weight	1200-1800	1602.00
Loss on Drying(105°C,5h)	0-7 (%)	3.20 %
Bacterial endotoxins	0-0.025 (IU/mg OR I.U./mg)	0.02 IU/mg OR I.U./mg
Sulfate Ash	0-0.3 (%)	0.09 %
Nitrogen by Elemental Analysis	0-110 (ppm)	35.00 ppm
Microbial contamination	0-100 (cfu/g)	99.10 cfu/g
Heavy metal (as Pb)	0-10 (ppm)	5.00 ppm
Specific Rotation [α] _{20/D}	155-182 (°)	166.00 °
Appearance(D491699-1.5k)	White to Off-White Powder	White to Off-White Powder



John Su
QA & QC Manager