

Certificate of Analysis

Date of Testing: 2025-09-12 17:12:02
Date of Next Testing: 2029-09-11 17:12:02
Product Name: **Dextran**
CAS Number: 9004-54-0
Specifications & Purity:
Lot #: I2502079
SKU #: **D491699**
Version: **1**
Analysis #: **226420**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Sulfate Ash	0-0.3 (%)	0.00 %
Nitrogen by Elemental Analysis	0-110 (ppm)	40.00 ppm
Microbial contamination	0-100 (cfu/g)	99.90 cfu/g
Heavy metal (as Pb)	0-10 (ppm)	2.00 ppm
Average Molecular Weight	100000-120000	116442.00
Specific Rotation [a] ₂₀ /D	195-201 (°)	199.00 °
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
Appearance(D491699-110k)	White to Off-White Powder	White to Off-White Powder



John Su
QA & QC Manager