

Certificate of Analysis

Date of Testing: 2023-06-20 17:55:05

Date of Next Testing: 2027-06-19 17:55:05

Product Name: **Dextran**

CAS Number: 9004-54-0

Specifications & Purity:

Lot #: F2314434

SKU #: **D491699**

Analysis: **243633**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Loss on Drying(105°C,5h)	0-7 (%)	2.58 %
Bacterial endotoxins	0-0.025 (IU/mg OR I.U./mg)	0.02 IU/mg OR I.U./mg
Heavy metal (as Pb)	0-10 (ppm)	5.80 ppm
Average Molecular Weight	4500-5500	4647.80
Specific Rotation [α] _{20/D}	181-193 (°)	187.60 °
Nitrogen by Elemental Analysis	0-110 (ppm)	13.20 ppm
Microbial contamination	0-100 (cfu/g)	84.60 cfu/g
Sulfate Ash	0-0.3 (%)	0.10 %
Appearance(D491699-5k)	White to Off-White Powder	White to Off-White Powder



John Su
QA & QC Manager