

Certificate of Analysis

Date of Testing: 2023-05-22 15:47:10

Date of Next Testing: 2027-05-21 15:47:10

Product Name: **Dextran**

CAS Number: 9004-54-0

Specifications & Purity:

Lot #: E2318182

SKU #: **D491699**

Analysis: **226319**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Loss on Drying(105°C,5h)	0-7 (%)	2.20 %
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)	7.00 ppm
Average Molecular Weight	4500-5500	4649.00
Specific Rotation [α] _{20/D}	181-193 (°)	190.00 °
Nitrogen by Elemental Analysis	0-110 (ppm)	12.00 ppm
Microbial contamination	0-100 (cfu/g)	99.00 cfu/g
Sulfate Ash	0-0.3 (%)	0.20 %
Appearance(D491699-5k)	White to Off-White Powder	White to Off-White Powder



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QA & QC Manager