

Certificate of Analysis

Date of Testing: 2023-05-22 15:50:47

Date of Next Testing: 2027-05-21 15:50:47

Product Name: **Dextran**

CAS Number: 9004-54-0

Specifications & Purity:

Lot #: E2318205

SKU #: **D491699**

Analysis: **226384**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	0-110 (ppm)	29.00 ppm
Heavy metal (as Pb)	0-10 (ppm)	2.00 ppm
Average Molecular Weight	17000-23000	21190.00
Specific Rotation [α] _{20/D}	191-201 (°)	198.00 °
Loss on drying(105°C,5h)	≤7 (%)	3.40 %
Sulfate Ash	0-0.3 (%)	0.21 %
Microbial contamination	0-100 (cfu/g)	99.90 cfu/g
Bacterial endotoxins	0-25 (EU/g)	24.90 EU/g
Appearance(D491699-20k)	White to Off-White Powder	White to Off-White Powder



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