

Certificate of Analysis

Date of Testing: 2023-05-22 17:01:03

Date of Next Testing: 2027-05-21 17:01:03

Product Name: **Dextran**

CAS Number: 9004-54-0

Specifications & Purity:

Lot #: E2318228

SKU #: **D491699**

Analysis: **227005**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Bacterial endotoxins	0-0.025 (IU/mg OR I.U./mg)	0.01 IU/mg OR I.U./mg
Loss on Drying(105°C,5h)	0-7 (%)	3.80 %
Heavy metal (as Pb)	0-10 (ppm)	5.00 ppm
Microbial contamination	0-100 (cfu/g)	95.00 cfu/g
Nitrogen by Elemental Analysis	0-110 (ppm)	12.00 ppm
Specific Rotation [α]20/D	188-198 (°)	194.00 °
Sulfate Ash	0-0.3 (%)	0.10 %
Average Molecular Weight	9000-11000	9979.00
Appearance(D491699-10k)	White to Off-White Powder	White to Off-White Powder



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