

Certificate of Analysis

Date of Testing: 2023-09-05 11:20:25

Date of Next Testing: 2027-09-04 11:20:25

Product Name: **Dextran**

CAS Number: 9004-54-0

Specifications & Purity:

Lot #: I2304107

SKU #: **D491699**

Analysis: **271766**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Bacterial endotoxins	0-0.025 (IU/mg OR I.U./mg)	0.03 IU/mg OR I.U./mg
Loss on Drying(105°C,5h)	0-7 (%)	2.70 %
Specific Rotation [α] _{20/D}	170-198 (°)	186.00 °
Heavy metal (as Pb)	0-10 (ppm)	1.00 ppm
Microbial contamination	0-100 (cfu/g)	89.00 cfu/g
Nitrogen by Elemental Analysis	0-110 (ppm)	16.00 ppm
Average Molecular Weight	3000-4000	3839.00
Sulfate Ash	0-0.3 (%)	0.10 %
Appearance(D491699-3.5k)	White to Off-White Powder	White to Off-White Powder



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