

Certificate of Analysis

Date of Testing: 2022-07-29 15:42:16

Date of Next Testing: 2027-07-28 15:42:16

Product Name: **Dextran**

CAS Number: 9004-54-0

Specifications & Purity: Premium

Lot #: G2228706

SKU #: **D490149**

Analysis: **272419**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
average molecular mass	225000-275000	259000.00000
Loss on Drying(105°C,5h)	0-7 (%)	5.30 %
pH (10% solution)	4.5-7.0	4.90000
Specific Rotation [α] _{20/D}	195-201 (°)	197.60 °
Nitrogen containing impurities	≤100 (ppm)	15.00000 ppm
Color of solution(Absorbance at 375 nm,10% sol.,1 cm)	0-0.05	0.01000
Appearance(D490149-250K)	White to off-white powder	White to Off-White Powder



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QA & QC Manager