

Certificate of Analysis

Date of Testing: 2023-07-25 15:32:50

Date of Next Testing: 2028-07-23 15:32:50

Product Name: **Dextran**

CAS Number: 9004-54-0

Specifications & Purity: Premium

Lot #: G2320572

SKU #: **D490149**

Analysis: **255729**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Average molecular mass,Mw	17000-23000	21000.00000
Loss on drying(105°C, 5h)	0-7 (%)	4.00 %
Absorbance 375nm (10% solution,1cm)	0-0.05	0.01
pH (10% solution)	4.5-7.0	5.50000
Specific Rotation [α] _{20/D}	191-201 (°)	197.00 °
Nitrogen containing impurities	≤100 (ppm)	28.00000 ppm
Appearance(D490149-20K)	White Powder	White powder



John Su
QA & QC Manager