

Certificate of Analysis

Date of Testing: 2023-09-05 14:20:56

Date of Next Testing: 2028-09-03 14:20:56

Product Name: **Dextran**

CAS Number: 9004-54-0

Specifications & Purity: Premium

Lot #: I2304113

SKU # **D490149**

Analysis: **271901**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Average molecular mass, Mw (laser)	5000–7000	6524.00000
Loss on drying(105°C, 5h)	0-7 (%)	3.00 %
Color of solution(Absorbance at 375 nm,10% sol,1 cm)	≤0.05 (%)	0.01000 %
Specific Rotation [α] _{20/D}	189-199 (°)	190.00 °
Nitrogen containing impurities	≤100 (ppm)	20.00000 ppm
Appearance(D490149-6000)	White or almost white powder	White or almost white powder
Acidity or alkalinity	passes test	Pass



John Su
QA & QC Manager