

Certificate of Analysis

Date of Testing: 2022-11-24 19:27:32

Date of Next Testing: 2027-11-23 19:27:32

Product Name: **Dextran**

CAS Number: 9004-54-0

Specifications & Purity: Mw,6000,Technical Quality

Lot #: K2223278

SKU #: **D400730**

Analysis: **154328**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Average molecular mass, Mw (laser)	5000-7000	6524.00000
Loss on drying(105°C,5h)	≤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(D400730)	White or almost white powder	White or almost white powder
Acidity or alkalinity	pass	Pass

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager