

Certificate of Analysis

Date of Testing: 2023-05-20 17:28:01

Date of Next Testing: 2028-05-18 17:28:01

Product Name: **Dextran**

CAS Number: 9004-54-0

Specifications & Purity: Premium

Lot #: E2317313

SKU #: **D490149**

Analysis: **225937**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Nitrogen containing impurities	≤100 (ppm)	9.00000 ppm
Average molecular mass,Mw	100000-120000	108000.00000
Loss on drying(105°C, 5h)	0-7 (%)	4.00 %
Color of solution(Absorbance at 375 nm,10% sol.,1 cm)	0-0.12	0.01000
pH (10% solution)	4.5-7.0	5.60000
Specific Rotation [α] _{20/D}	195-201 (°)	198.40 °
Appearance(D490149-110K)	White Powder	White powder



John Su
QA & QC Manager