

Certificate of Analysis

Date of Testing: 2023-05-19 17:19:13

Date of Next Testing: 2028-05-17 17:19:13

Product Name: **Dextran**

CAS Number: 9004-54-0

Specifications & Purity: Premium

Lot #: E2317317

SKU #: **D490149**

Analysis: **226204**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
average molecular mass	135000-165000	158761.00000
Loss on drying(105°C, 5h)	0-7 (%)	6.00 %
Absorbance at 375nm,10% sol.,1 cm	0-0.05	0.03000
pH(25°C, 1% in 1M NaCl)	4.5-7.0	5.10000
Specific Rotation [α] _{20/D}	195-201 (°)	197.00 °
Nitrogen containing impurities	≤100 (ppm)	100.00000 ppm
Appearance(D490149-150K)	White Powder	White powder



John Su
QA & QC Manager