

## Certificate of Analysis

Date of Testing: 2025-07-24 18:22:37  
Date of Next Testing: 2030-07-23 18:22:37  
Product Name: **Dextran**  
CAS Number: 9004-54-0  
Specifications & Purity: Premium pure  
Lot #: G2521341  
SKU #: **D490149**  
Version: **1**  
Analysis #: **536327**  
Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Loss on drying(105°C, 5h)	0-7 (%)	2.44 %
Color of solution(Absorbance at 375 nm,10% sol.,1 cm)	0-0.05	0.01300
pH (10% solution)	4.5-7.0	4.75000
Nitrogen containing impurities	≤100 (ppm)	70.00000 ppm
average molecular mass	35000-45000	35100.00000
Specific Rotation [α] <sub>20</sub> /D	195-201 (°)	195.10 °
Appearance(D490149-40K)	White Powder	White powder



John Su  
QA & QC Manager