

## Certificate of Analysis

Date of Testing: 2023-01-31 17:12:57  
Date of Next Testing: 2027-01-30 17:12:57  
Product Name: **Q-dextran**  
CAS Number: Q292450  
Specifications & Purity: 4 kDa  
Lot #: A2330223  
SKU #: **Q292450**  
**Analysis:** **154141**  
Storage Temperature: Store at 2-8°C, Argon charged, Desiccated

Parameter	Limit Values	Result
Average Molecular Weight	3500-5500	5238.00
Nitrogen content	1.5-2.5 (%)	1.90000 %
pH(25°C, 1% in 1M NaCl)	5-7	5.00000
Specific optical rotation(6% solution of the dextran in water)	120-150 (°)	138.00000 °
Loss on drying	≤10 (%)	1.00 %
Appearance(Q292450)	White to off-white Powder or crystals or granules	White to off-white Powder or crystals or granules



John Su  
QA & QC Manager