

## Certificate of Analysis

Date of Testing: 2023-03-10 14:52:10  
Date of Next Testing: 2027-03-09 14:52:10  
Product Name: **Q-dextran**  
CAS Number: Q292458  
Specifications & Purity: 20 kDa  
Lot #: C2306452  
SKU #: **Q292458**  
**Analysis:** **154143**  
Storage Temperature: Store at 2-8°C, Argon charged, Desiccated

Parameter	Limit Values	Result
Average Molecular Weight	15000-25000	17244.00
Nitrogen content	1.5-2.5 (%)	1.90000 %
pH(25°C, 1% in 1M NaCl)	5-7	6.00000
Specific optical rotation(6% solution of the dextran in water)	135-155 (°)	143.00000 °
Loss on drying	≤10(%)	2.00 %
Appearance(Q292458)	White to off-white Powder or crystals or granules	White to off-white Powder or crystals or granules



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QA & QC Manager