

# DEXTRAN PRODUCTS

Part of the BIOSPECTRA™ Organization

## CERTIFICATE OF ANALYSIS

Product: Sodium Dextran Sulphate  
Molecular Weight: 8,000  
Lot No: DS8-056  
Manufactured Date: November 2022  
Expiry Date: November 2027

<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Identity (Colormetric)	To Pass Test	Passes
Appearance	Off-white to light yellow powder	Passes
Loss on Drying	NMT 10.0%	6.5%
Free Inorganic Sulphate	NMT 0.2%	0.01%
Residue on Ignition	35.0% - 50.0%	44.2%
Total Sulphur Content	17.0% - 20.0%	18.2%
Glucose Content	35.0% - 48.0%	36.6%
Specific Viscosity (In 1.0M NaCl at 25°C)	0.018 - 0.032	0.030
pH (1% solution)	5.0 to 7.5	7.1
Specific Rotation $[\alpha]_D^{20}$	+75° to +105°	+84°
Insoluble Iron	NMT 2.0 %	0.01%
Residue Pyridine	NMT 2.0 %	0.7%
Clarity (20% solution)	NMT 0.9 OD units at 360 nm NMT 10 specs in 100 mL of 20% Soln.	0.1 1
Chloride Content	NMT 1000 ppm	71 ppm

Prepared By:   *M*   Date:   *Feb. 14/2025*   Job Title:   *QC Manager*  

Reviewed By:   *C. And*   Date:   *Feb 14/25*   Job Title:   *QA Supervisor*