

DEXTRAN PRODUCTS

Part of the BIOSPECTRA™ Organization

CERTIFICATE OF ANALYSIS

Product: Sodium Dextran Sulphate

Molecular Weight: 8,000

Lot No: DS8-062

Manufactured Date: May 2025

Expiry Date: May 2030

TESTS

SPECIFICATIONS

RESULTS

Identity (Colormetric)	To Pass Test	Passes
Appearance	Off-white to light yellow powder	Passes
Loss on Drying	NMT 10.0%	7.1%
Free Inorganic Sulphate	NMT 0.2%	N.D.
Residue on Ignition	35% - 50%	44%
Total Sulphur Content	17.0% - 20.0%	18.4%
Glucose Content	35% - 48%	37%
Specific Viscosity (In 1.0M NaCl at 25°C)	0.018 - 0.032	0.030
pH (1% solution)	5.0 to 7.5	6.9
Specific Rotation $[\alpha]_D^{20}$	+75° to +105°	+85°
Insoluble Iron	NMT 2.0 %	N.D.
Residue Pyridine	NMT 2.0 %	0.6%
Clarity (20% solution)	NMT 0.9 OD units at 360 nm NMT 10 specs in 100 mL of 20% Soln.	0.04 1
Chloride Content	NMT 1000 ppm	71 ppm

Prepared By: _____

Date: _____

Job Title: _____

Reviewed By: _____

Date: _____

Job Title: _____