

DEXTRAN PRODUCTS

Part of the BIOSPECTRA™ Organization

CERTIFICATE OF ANALYSIS

Product: Sodium Dextran Sulphate
Molecular Weight: 8,000
Lot No: DS8-060
Manufactured Date: January 2025
Expiry Date: January 2030

TESTS

SPECIFICATIONS

RESULTS

Identity (Colormetric)	To Pass Test	Passes
Appearance	Off-white to light yellow powder	Passes
Loss on Drying	NMT 10.0%	7.7%
Free Inorganic Sulphate	NMT 0.2%	N.D.
Residue on Ignition	35% - 50%	43%
Total Sulphur Content	17.0% - 20.0%	18.4%
Glucose Content	35% - 48%	36%
Specific Viscosity (In 1.0M NaCl at 25°C)	0.018 - 0.032	0.029
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 %	0.5%
Clarity (20% solution)	NMT 0.9 OD units at 360 nm NMT 10 specs in 100 mL of 20% Soln.	0.1 4
Chloride Content	NMT 1000 ppm	392 ppm

Prepared By: 21 Date: APR 15/2025 Job Title: QC Manager

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