

DEXTRAN PRODUCTS

Part of the BIOSPECTRA™ Organization

CERTIFICATE OF ANALYSIS

Product: Sodium Dextran Sulphate

Molecular Weight: 1,000,000

Lot No: DSM 179

Manufactured Date: June 2025

Expiry Date: June 2030

TESTS

SPECIFICATIONS

RESULTS

Identity (Colormetric)	To Pass Test	Passes
Appearance	Off-white to light yellow powder	Passes
Loss on Drying	Less than 10.0 %	7.5%
Free Inorganic Sulphate	Less than 0.2 %	N.D.
Residue on Ignition	40.0 % to 50.0 %	43.1%
Total Sulphur Content	17.0 % to 20.0 %	19.5%
Glucose Content	35.0 % to 48.0 %	39.8%
Specific Viscosity (25°C in 1.0M NaCl)	0.10 to 0.70	0.32
pH of Aqueous Solution (1%)	5.0 to 7.5	6.9
Specific Rotation $[\alpha]_D^{20}$	+75° to 105°	+99°
Insoluble Iron	Less than 2.0 %	N.D.
Residual Pyridine	Less than 2.0 %	0.7%
Clarity (20% solution)	NMT 0.9 OD units at 360 nm NMT 10 specs in 100ml of 20% Soln.	0.2 2
Chloride	Less than 1000 ppm	567 ppm

Prepared By: 66 Date: Nov 4/25 Job Title: QC Supervisor

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