

DEXTRAN PRODUCTS

Part of the BIOSPECTRA™ Organization

CERTIFICATE OF ANALYSIS

Product: Sodium Dextran Sulphate
Molecular Weight: 500,000
Lot No: DSM 177B
Manufactured Date: February 2023
Expiry Date: February 2028

TESTS

SPECIFICATIONS

RESULTS

Identity (Colormetric)	To Pass Test	Passes
Appearance	Off-white to light yellow powder	Passes
Loss on Drying	Less than 10.0 %	7.2%
Free Inorganic Sulphate	Less than 0.2 %	0.03%
Residue on Ignition	40.0 % to 50.0 %	43.6%
Total Sulphur Content	17.0 % to 20.0 %	19.6%
Glucose Content	35.0 % to 48.0 %	39.3%
Specific Viscosity (25°C in 1.0M NaCl)	0.10 to 0.70	0.27
pH of Aqueous Solution (1%)	5.0 to 7.5	6.9
Specific Rotation [α] _D ²⁰	+75° to 105°	+98°
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 1
Chloride	Less than 1000 ppm	604 ppm

Prepared By: M

Date: Feb. 14/2025

Job Title: QC Manager

Reviewed By: Chuw

Date: Feb 14/25

Job Title: QA Supervisor