



DEXTRAN PRODUCTS

(A Division of POLYDEX PHARMACEUTICALS LIMITED)

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CERTIFICATE OF ANALYSIS

Product: Sodium Dextran Sulphate
Molecular Weight: 40,000
Lot No: DS40-063
Manufactured Date: September 2023
Expiry Date: September 2026

<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 %	6.0%
Free Inorganic Sulphate	NMT 0.2 %	N.D.
Residue on Ignition	35.0 % to 50.0 %	43.5%
Total Sulphur Content	17.0 % to 20.0 %	19.8%
Glucose Content	35.0 % to 48.0 %	39.2%
Specific Viscosity (25°C in 1.0M NaCl)	0.05 to 0.13	0.09
pH of Aqueous Solution (1%)	5.0 to 7.5	7.0
Specific Rotation $[\alpha]_D^{20}$	+75° to +105°	+98°
Insoluble Iron	NMT 2.0 %	N.D.
Residual Pyridine	NMT 2.0 %	0.9%
Clarity (20% Solution)	NMT 0.9 OD units at 360 nm NMT 10/100 ml	0.1 4 specs
Chloride	NMT 1000 ppm	722 ppm

Certified Correct By:

Sandra Corlija, Feb 29/24

Sandra Corlija, B.Sc. Chem. Eng.
Q.A. Department

CERTIFICATE OF ANALYSIS

Product: Sodium Dextran Sulphate
Molecular Weight: 40,000
Lot No: DS40-066
Manufactured Date: September 2024
Expiry Date: September 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 7.0 %	6.3%
Free Inorganic Sulphate	NMT 0.2 %	N.D
Residue on Ignition	35.0 % to 50.0 %	43.0%
Total Sulphur Content	17.0 % to 20.0 %	19.8%
Glucose Content	35.0 % to 48.0 %	39.4%
Specific Viscosity (25°C in 1.0M NaCl)	0.05 to 0.13	0.08
pH of Aqueous Solution (1%)	5.0 to 7.5	6.6
Specific Rotation $[\alpha]_D^{20}$	+75° to +105°	+98°
Insoluble Iron	NMT 2.0 %	N.D
Residual Pyridine	NMT 2.0 %	0.5%
Clarity (20% Solution)	NMT 0.9 OD units at 360 nm	0.1
	NMT 10/100 ml	5
Chloride	NMT 1000 ppm	459ppm
Average Molecular Weight		40,562.5Das

Prepared By: Jm Date: Nov. 18, 2024 Job Title: QC Manager

Reviewed By: Ctm Date: Nov 19/24 Job Title: QA supervisor