

DEXTRAN PRODUCTS

421 Comstock Road | Scarborough, ON M1L 2H5 | Canada | www.dextran.ca | 416-755-2231

CERTIFICATE OF ANALYSIS

DEXTRAN SULFATE SODIUM SALT MOLECULAR WEIGHT: 40,000

PRODUCT CODE: DS40-5201

Lot: DS40-065

(C₆H₇Na₃O₁₄S₃)_n * CAS#9011-18-1

Manufacture Date: Sep/03/2024

Expiration Date: Sep/03/2029

Manufacturing Site: 421 Comstock Road, Scarborough, Ontario, M1L 2H5

TESTS	SPECIFICATIONS	RESULTS
Appearance	Off-White to Light Yellow Powder	Passes
Chloride	NMT 1000 ppm	792ppm
Clarity (20% Solution)	NMT 0.9 OD units at 360 nm	0.1
	NMT 10/100 ml	1
Free Inorganic Sulfate	NMT 0.2 %	<0.2%
Glucose Content	35.0% to 48.0 %	38.8%
Identity (Colormetric)	To Pass Test	Passes
Insoluble Iron	NMT 2.0 %	<2.0%
Loss on Drying	NMT 10.0 %	6.7%
pH of Aqueous Solution (1%)	5.0 to 7.5	6.8
Residue on Ignition	35.0% to 50.0 %	43.6%
Residual Pyridine	NMT 2.0 %	0.9%
Specific Rotation [α] _D ²⁰	+75° to +105°	+96
Specific Viscosity (25°C in 1.0M NaCl)	0.05 to 0.13	0.08
Total Sulfur Content	17.0% to 20.0%	19.7%

COUNTRY OF ORIGIN: **Canada**

INTENDED USE: Material represented by this Certificate of Analysis is suitable for use as a process chemical. The material represented by this Certificate of Analysis is not suitable to be used as an Active Pharmaceutical Ingredient, Drug Product or Household Item.

Prepared By: BB Date: Jul 24/26 Job Title: QC Supervisor

Reviewed By: thi Date: Jul 24/26 Job Title: QA Manager

The information contained herein is the confidential property of Dextran Products – Part of the BioSpectra Organization. The recipient is responsible for its safe-keeping and the prevention of unauthorized appropriation, use, disclosure and copying.