

DEXTRAN PRODUCTS

DEXTRAN SULFATE SODIUM SALT

M.W. 40,000

CAS #: 9011-18-1

Formula: $(C_6H_7Na_3O_{14}S_3)_n$

DS40-5201

BIO ULTRA GRADE

ANALYSIS	SPECIFICATIONS
Appearance	Off-White to Light Yellow Powder
Chloride	NMT 1000 ppm
Clarity (20% Solution)	NMT 0.9 OD Units at 360 nm NMT 10/100 mL
Free Inorganic Sulfate	NMT 0.2%
Glucose Content	35.0% - 48.0%
Identity (Colorimetric)	To Pass Test
Insoluble Iron	NMT 2.0%
Loss on Drying	NMT 10.0%
pH of Aqueous Solution (1%)	5.0 to 7.5
Residue on Ignition	35.0% to 50.0%
Residual Pyridine	NMT 2.0%
Specific Rotation $[\alpha]_D^{20}$	+75° to +105°
Specific Viscosity (25°C in 1.0M NaCl)	0.05 to 0.13
Total Sulfur Content	17.0% to 20.0%

Suitable for use in industrial applications.

Dextran Sulfate Sodium Salt, MW 40,000 is a polyanionic derivative of Dextran Polymer, produced by the esterification of Dextran with Chlorosulphonic Acid. It has a wide variety of uses in Life science and many other industrial applications. Our Dextran Sulfate is produced, refined and purified at our facility in Scarborough, Ontario, Canada.

Standard Shelf-Life Policy

Please see CoA for product expiry.

Storage and Shipping Conditions

Refer to SDS.

Package Sizes

100g, 500g, 1kg, 5kg, 10kg, 25kg, 50kg

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