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
Absorbance (20%) 360nm	< = 0.9 OD Units
Appearance and Color	Off-White to Light Yellow Powder
Chloride	< = 1000 ppm
Clarity (20%) 100mL	< = 10 specs
Free Inorganic Sulfate	< = 0.2%
Glucose	35.0% - 48.0%
Identification, Colorimetric	Passes Test
Insoluble Iron	< = 2.0%
Loss on Drying	< = 7.0%
pH (1%)	5.0 - 7.5
Pyridine	< = 2.0%
Residue on Ignition	35.0% - 50.0%
Specific Rotation, 20°C	+75° - +105°
Specific Viscosity (In 1.0M NaCl, 25°C)	0.05 - 0.13
Sulfur	17.0% - 20.0%
Weight Average Molecular Weight (Mw)	30,000 – 50,000 Da

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

This is not considered a controlled document. We are not responsible for any errors or omissions, and the user is responsible for any decisions based on the information herein.