DEXTRAN PRODUCTS

DEXTRAN SULFATE SODIUM SALT

M.W. 8,000

CAS #: 9011-18-1 **Formula: $(C_6H_7Na_3O_{14}S_3)_n$**

DS08-5201 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%) 100 mL	< = 10 specs
Free Inorganic Sulfate	< = 0.2%
Glucose	35% - 48%
Identification, Colorimetric	Passes Test
Insoluble Iron	< = 2.0%
Loss on Drying	< = 10.0%
pH (1%)	5.0 - 7.5
Pyridine	< = 2.0%
Residue on Ignition	35% - 50%
Specific Rotation, 20°C	+75° – +105°
Specific Viscosity (In 1.0M NaCl, 25°C)	0.018 – 0.032
Sulfur	17.0% - 20.0%
Weight Average Molecular Weight (Mw)	5,000 – 10,000 Da

Suitable for use in industrial applications.

Dextran Sulfate Sodium Salt, MW 8,000 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 plant 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.