

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 and Color		Off-White to Light Yellow Powder
Absorbance (20%)	360nm	< = 0.9 OD units
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
Residue on Ignition		35.0% - 50.0%
Pyridine		< = 2.0%
Specific Rotation, 20°C		+75° - +105°
Specific Viscosity (In 1.0M NaCl, 25°C)		0.05 - 0.13
Sulfur		17.0% - 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

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.