

DEXTRAN PRODUCTS

DEXTRAN SULFATE SODIUM SALT M.W. 500,000

CAS #: 9011-18-1

Formula: (C₆H₇Na₃O₁₄S₃)

DS5H-5201

BIO ULTRA GRADE

ANALYSIS		SPECIFICATIONS
Appearance and Color		Off-white to light yellow powder
Clarity (20% Solution)	Absorbance at 360nm Black Speck/100ml	NMT 0.9 OD Unit NMT 10
Chloride Content		Less than 1000 ppm
Free Inorganic Sulphate		Less than 0.2%
Glucose Content		35.0% - 48.0%
Identity (Colorimetric)		To Pass Test
Insoluble Iron		Less than 2.0%
Loss on Drying		Less than 10.0%
pH of Aqueous Solution (1%)		5.0 - 7.5
Residue on Ignition		40.0% - 50.0%
Residual Pyridine		Less than 2.0%
Specific Rotation [α] _D ²⁰		+75° to +105°
Specific Viscosity (In 1.0M NaCl at 25°C)		0.10 - 0.70
Total Sulphur Content		17.0% - 20.0%

Intended for use in industrial applications such as R&D, laboratory, food, flavor, fragrance and life science.

Dextran Sulfate Sodium Salt, MW 500,000 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.

General Product Description

- Appears as an off-white to light yellow powder
- Manufactured in an enzyme free, hormone free and animal free environment
- Has no major food allergens (as defined by FDA and WHO).
- The final product nor its raw materials are not derived from nor come into contact with animal parts, animal products, and/or animal byproducts or derivatives.
- Is not subject to genetic modification
- Visit the product page on our website (www.dextran.ca) for additional information, supporting regulatory documents, and CofAs.

Storage and Shipping Conditions

Refer to SDS.

Standard Shelf Life Policy

Retest 3-years from date of manufacture

Standard Lead Time

Based on inventory – please inquire.

Package Sizes

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

Country of Origin: Canada

This is not considered a controlled document. We are not responsible for any errors or omissions.