

# DEXTRAN PRODUCTS

## DEXTRAN SULFATE SODIUM SALT M.W. 8,000

CAS #: 9011-18-1

Formula: (C<sub>6</sub>H<sub>7</sub>Na<sub>3</sub>O<sub>14</sub>S<sub>3</sub>)

DS08-5201

BIO ULTRA GRADE

ANALYSIS	SPECIFICATIONS
Appearance	Off-white to light yellow powder
Clarity (20% Solution)	Absorbance at 360nm Black spec/100mL NMT 0.9 OD Units NMT 10
Chloride Content	NMT 1000 ppm
Free Inorganic Sulphate	NMT 0.2%
Glucose Content	35% - 48%
Insoluble Iron	NMT 2.0%
Identity (Colormetric)	To Pass Test
pH (1% Solution)	5.0 - 7.5
Loss on Drying	NMT 10.0%
Residue on Ignition	35% - 50%
Residual Pyridine	NMT 2.0%
Specific Rotation $[\alpha]_{D^{20}}$	+75° to +105°
Specific Viscosity (In 1.0M NaCl at 25°C)	0.018 - 0.032
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 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.

### 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](http://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.*