

# DEXTRAN PRODUCTS

## DEXTRAN SULFATE SODIUM SALT

M.W. 1,000,000

CAS #: 9011-18-1

Formula:  $(C_6H_7Na_3O_{14}S_3)_n$

**DS1M-5201**

**BIO ULTRA GRADE**

| ANALYSIS                               | SPECIFICATIONS                   |
|----------------------------------------|----------------------------------|
| Appearance                             | Off-White to Light Yellow Powder |
| Chloride                               | NMT 1000 ppm                     |
| Clarity (20% Solution) at 360 nm       | NMT 0.9 OD Units                 |
| Clarity (20% Solution) in 100 mL       | NMT 10 specs                     |
| Free Inorganic Sulfate                 | NMT 0.2%                         |
| Glucose Content                        | 35.0 – 48.0%                     |
| Identity (Colorimetric)                | Passes Test                      |
| Insoluble Iron                         | NMT 2.0%                         |
| Loss on Drying                         | NMT 10.0%                        |
| pH (1% Solution)                       | 5.0 – 7.5                        |
| Residual Pyridine                      | NMT 2.0%                         |
| Residue on Ignition                    | 40.0 – 50.0%                     |
| Specific Rotation $[\alpha]^{20}_D$    | +75° - +105°                     |
| Specific Viscosity (25°C in 1.0M NaCl) | 0.10 – 0.70                      |
| Total Sulfur Content                   | 17.0 – 20.0%                     |

### Suitable for use in industrial applications.

Dextran Sulfate Sodium Salt, MW 1,000,000 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

[Click here to view SDS, CoAs and other supporting regulatory documents on our website.](#)

*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.*