

DEXTRAN SULFATE SODIUM SALT, MW 8,000

LBLE, GMP

CAS #: 9011-18-1

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

M.W.: 8,000

DXSE-4250

BIO PHARMA GRADE

ANALYSIS	SPECIFICATIONS	
Appearance (Color)	Off White to Light Yellow Powder	
Absorbance (20%) 360nm	< = 0.9 OD unit	
Chloride	< = 1000 ppm	
Endotoxin	< = 0.012 EU/mg	
Free Inorganic Sulfate	< = 0.2%	
Glucose	35 – 48%	
Identification, Colorimetric	Passes Test	
Insoluble Iron	< = 2%	
Loss on Drying	< = 10%	
Manganese	< = 1 ppm	
Microbial Content	TAMC TYMC	< 50 CFU/g < 50 CFU/g
pH (1%)	5.0 – 7.5	
Residue on Ignition	35 – 50%	
Pyridine	< = 2%	
Specific Rotation, 20°C	+75° to 105°	
Specific Viscosity (In 1.0M NaCl, 25°C)	0.018 – 0.032	
Sulfur	17 – 20%	

General Product Overview

Dextran Sulfate Sodium Salt, MW 8,000, is a polyanionic derivative of dextran, produced by the esterification of the glucose polymer (glucan polysaccharide) with chlorosulphonic acid. Dextran fractions are characterized by their average MW and MW distribution with predominantly 1-6 glycosidic bonds and 5% or less of 1-3 branching. Dextran Sulfate Sodium Salt, MW 8,000 is used in the solubilization and purification process of protein molecules which are intended for use in a final drug product. Dextran is soluble in water, easily filtered and biodegradable.

Industry Application

Suitable for use as a cGMP chemical in pharmaceutical manufacturing processes.

Key Product Features

- The manufacturing of Dextran Sulfate Sodium Salt, MW 8,000, DXSE-4250 is performed at BioSpectra's Bangor, PA facility.
- Appears as an off-white to light yellow powder
- Manufactured in accordance with IPEC
- Manufactured in an enzyme free, hormone free and animal free environment
- Contains no major food allergens (as defined by FDA and WHO)
- The final product and its raw materials are not derived nor come into contact with animal parts, animal products, and/or animal byproducts or derivatives.
- Is not subject to genetic modification
- Synonyms: Dextran; Hydrogen Sulfate; Sodium Salt
- Visit the product page on our website for additional information, supporting regulatory documents, and CoAs.

Storage and Shipping Conditions

Refer to SDS.

Standard Shelf Life Policy

Unless otherwise noted on the Shelf-Life Statement and CoA, this product has a 2-year retest date supported by a 3-year ICH Q1 Stability Study (if one is completed).

Package Sizes

10kg, 25kg and 50kg pails

Standard Lead Time

6 - 12 months

Minimum Order Quantity

10kg

Country of Origin: Canada

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.