

DEXTRAN PRODUCTS

DEXTRAN POWDER M.W. 500,000

CAS #: 9004-54-0

Formula: $[C_6H_{10}O_5]_n$ **D500-5201****BIO ULTRA GRADE**

ANALYSIS	SPECIFICATIONS
Appearance	White to slightly off-white powder
Ash Content	NMT 2.0%
Clarity (6% Solution) at 375nm	NMT 0.15 OD Units
Cold Water Solubility (1% Solution)	Soluble in cold water
Intrinsic Viscosity at 37°C (1% Solution)	0.56 to 0.70
pH (6% Solution)	4.5 to 7.0
Loss on Drying (LOD)	NMT 7.0%
Specific Rotation $[\alpha]^{20}_D$ (2% Solution)	Between +195° and +203°

Standard Shelf Life Policy

Standard shelf life is 5-year expiry.

Storage and Shipping Conditions

Refer to SDS.

Standard Lead Time

Based on inventory – please inquire.

Package Sizes

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

Country of Origin: Canada

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

Dextran Powder, M.W. 500,000 is a glucose polymer made by the fermentation of sugar by the bacteria *Leuconostoc Mesenteroides*. It is defined as a “branched poly- α -d-glucoside” having predominant C-1 to C-6 bonds. Dextran polymers are freely soluble in water and other solvents. Dextran polymer is biodegradable and biocompatible and has a wide range of industrial applications in food, flavor, fragrance, Life Science and other applications. Our Dextran Powders are produced, refined and purified at our plant in Scarborough, Ontario, Canada.

General Product Description

- Appears as a white to slightly off-white 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.

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