

# DEXTRAN PRODUCTS

## DEXTRAN POWDER M.W. 20,000

CAS #: 9004-54-0

Formula:  $[C_6H_{10}O_5]_n$ **D020-5201****BIO ULTRA GRADE**

ANALYSIS	SPECIFICATIONS
Appearance	White to slightly off-white powder
Ash Content	NMT 2.0%
Color of Solution at 375nm (10% Solution)	NMT 0.20 OD Units
Cold Water Solubility (1% Solution)	Soluble in cold water
Intrinsic Viscosity at 37°C (1% Solution)	0.11 to 0.14
pH (10% Solution)	4.5 to 7.0
Loss on Drying (LOD)	NMT 7.0%
Specific Rotation $[\alpha]^{20}_D$ (2% Solution)	NLT +148°

### 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. 20,000 is a glucose polymer made by the fermentation of sugar by the bacteria *Leuconostoc Mesenteroides*. It is defined as a “branched poly- $\alpha$ -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](http://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.*