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
Absorbance (6%) 375 nm	< = 0.15 OD Units
Appearance and Color	White to Slightly Off-White Powder
Cold Water Solubility (1%)	Soluble in Cold Water
Intrinsic Viscosity (1%), 37°C	0.56 – 0.70
Loss on Drying	< = 7.0%
pH (6%)	4.5 – 7.0
Residue on Ignition	< = 2.0%
Specific Rotation (2%), 20°C	+195° – +203°

Suitable for use in industrial applications.

Dextran Powder, M.W. 500,000 is a glucose polymer made by the fermentation of sugar by a specific bacterium. 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 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

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