

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%
Cold Water Solubility (1% Solution)	Soluble in Cold Water
Colour of Solution at 375nm (6% Solution)	NMT 0.15 OD Units
Intrinsic Viscosity at 37°C (1% Solution)	0.56 to 0.70
Loss on Drying	NMT 7.0%
pH (6% Solution)	4.5 to 7.0
Specific Rotation $[\alpha]^{20}_D$ (2% Solution)	Between +195° and +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

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.](#)

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