

# DEXTRAN PRODUCTS

## DEXTRAN POWDER M.W. 125,000

CAS #: 9004-54-0

Formula:  $[\text{C}_6\text{H}_{10}\text{O}_5]_n$ **D125-5201****BIO ULTRA GRADE**

| ANALYSIS                        | SPECIFICATIONS                     |
|---------------------------------|------------------------------------|
| Appearance                      | White to Slightly Off-White Powder |
| Ash Content                     | Less than 2.0% (w/w)               |
| Loss on Drying                  | Less than 10.0% (w/w)              |
| Average Molecular Weight by GPC | 125,000 $\pm$ 25,000 Daltons       |
| pH (1% Solution)                | 4.0 – 7.0                          |
| Water Solubility (1% Solution)  | Soluble in Water, Clear Solution   |

### Intended for use in industrial applications.

Dextran Powder, M.W. 125,000 is a glucose polymer made by the fermentation of sugar by a specific bacterium. 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 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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