

Product Datasheet

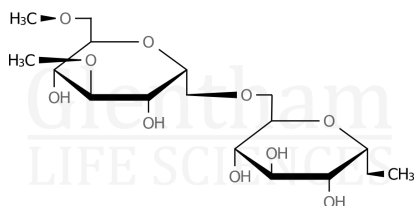
GC9137 - Dextran 70,000, USP grade

Product Details

| | |
|--------------------|---|
| Product Name | Dextran 70,000, USP grade |
| Glentham Code | GC9137 |
| CAS Number | 9004-54-0 |
| EINECS | 232-677-5 |
| MDL Number | MFCD00130935 |
| Related Categories | Carbohydrates, Biochemicals, Raw Materials (IVD), Natural Products, Polysaccharides |

Structure

| | |
|-------------------|----------------------|
| Molecular Weight | : ~70,000 |
| Molecular Formula | : $[C_6H_{10}O_5]_n$ |



| | |
|--|---------------------------------|
| Physical Description | : White to almost white powder |
| Identification (IR) | : To conform to standard |
| Identification | : To pass test B |
| pH (6% in water) | : 4.5 - 7.0 |
| Colour of Solution | : ≤ 0.15 (6% in water, 375nm) |
| Specific Optical Rotation ([α] _{20/D}) | : +195 - +203 ° (c=2, water) |
| Sulfate | : ≤ 0.03% |
| Nitrogen Containing Impurities | : ≤ 0.01% |
| Alcohol and Related Impurities | : To pass test |
| Loss on Drying | : ≤ 7.0% (105°C, 5h) |
| Average Molecular Weight | : 63,000 - 77,000 |
| Molecular Mass Distribution | : M10: ≤ 195,000, M90: ≥ 13,000 |
| Pharmacopoeia Specification(s) | : USP |
| Version | : v1.0 |

About Dextran 70,000, USP grade

No further details on record.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

Glentham Product Specification

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