

Product Datasheet

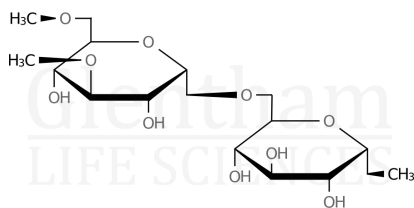
GE0761 - Dextran 70,000, EP grade

Product Details

Product Name	Dextran 70,000, EP grade
Glentham Code	GE0761
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 or almost white powder
Solubility	: Very soluble in water, very slightly soluble in ethanol
Specific Optical Rotation	: +195 - +201 °
Identification (IR)	: To conform to standard
Average Molecular Weight	: 64,000 - 76,000
Molecular Mass Distribution	: M10: ≤ 185,000, M90: ≥ 15,000
Solubility (10% in water)	: Clear, colourless solution
Solubility (33% in water)	: Clear, colourless, viscous solution
Acidity or Alkalinity	: To pass EP test
Nitrogen Containing Substances	: ≤ 110ppm
Ethanol	: ≤ 0.5%
Methanol	: ≤ 0.05%
Other Residual Solvents	: ≤ 0.5%
Heavy Metals	: ≤ 10ppm
Loss on Drying	: ≤ 7.0%
Sulphated Ash	: ≤ 0.3%
Bacterial Endotoxins	: ≤ 16IU/g
Total Aerobic Microbial Count	: ≤ 100CFU/g
Pharmacopoeia Specification(s)	: EP
Version	: v1.0

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

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

Glentham Product Specification

About Dextran 70,000, EP grade

No further details on record.

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