

Product Datasheet

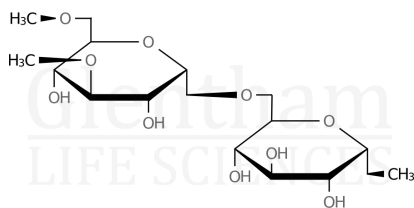
GE0761 - Dextran 70,000, EP grade

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025