

Product Datasheet

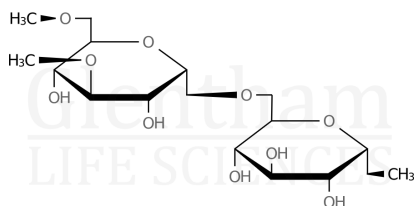
GC9137 - Dextran 70,000, USP grade

Product Details

Product Name	Dextran 70,000, USP grade
Glentham Code	GC9137
CAS Number	9004-54-0
EINECS	232-677-5
MDL-Nummer	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

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