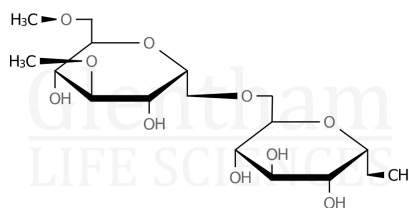


## Product Specification

Product Name	Dextran 70,000, USP grade
Glentham Code	GC9137
CAS Number	9004-54-0
EINECS	232-677-5
MDL Number	MFCD00130935
Molecular Weight	~70,000
Molecular Formula	$[C_6H_{10}O_5]_n$
Storage Temp.	+20°C



Property	Specification
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 ( $[\alpha]_{20/D}$ )	+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

Specification Version	- v1.0
Date Created	- 2022-03-29

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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