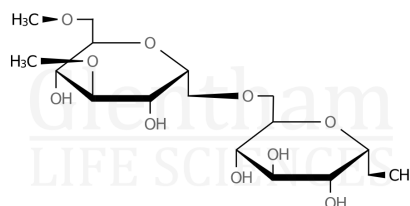


Product Specification

Product Name	Dextran 70,000, USP grade
Glentham Code	GC9137
CAS Number	9004-54-0
EINECS	232-677-5
MDL-Nummer	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 or contact us using the details above for the current version of this document.

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