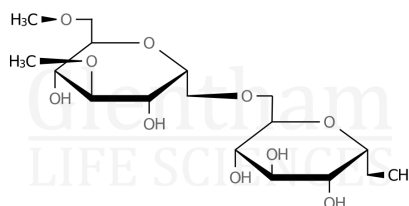


## Product Specification

Product Name	Dextran 70,000, EP grade
Glentham Code	GE0761
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 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

Specification Version	-	v1.0
Date Created	-	2017-02-14

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.

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