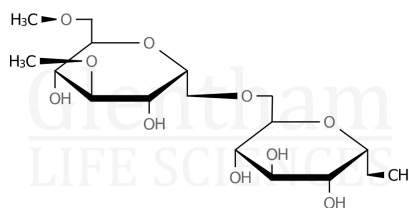


Product Specification

Product Name	Dextran 40,000, EP grade
Glentham Code	GE6554
CAS Number	9004-54-0
EINECS	232-677-5
MDL-Nummer	MFCD00130935
Molecular Weight	~40,000
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	35,000 - 45,000
Molecular Mass Distribution	M10: ≤ 110,000, M90: ≥ 7,000
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	≤ 10IU/g
Total Aerobic Microbial Count	≤ 100CFU/g
Pharmacopoeia Specification(s)	EP

Specification Version	-	v1.0
Date Created	-	2021-12-10

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.

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