

## Product Datasheet

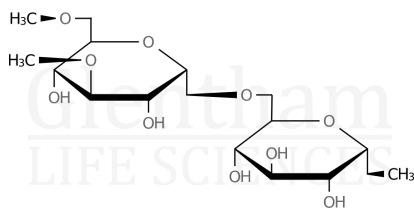
### GE6554 - Dextran 40,000, EP grade

#### Product Details

Product Name	Dextran 40,000, EP grade
Glentham Code	GE6554
CAS Number	9004-54-0
EINECS	232-677-5
MDL Number	MFCDD00130935
Related Categories	Carbohydrates, Biochemicals, Raw Materials (IVD), Natural Products, Polysaccharides

#### Structure

Molecular Weight : ~40,000  
Molecular Formula :  $[C_6H_{10}O_5]_n$



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
Version	: v1.0

#### About Dextran 40,000, EP 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, 2024