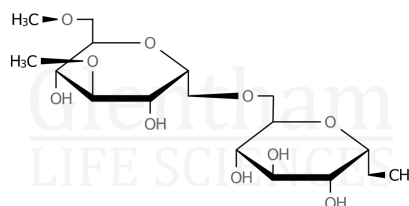


Product Specification

| | |
|---------------|--------------------------|
| Product Name | Dextran 40,000, EP grade |
| Glentham Code | GE6554 |
| CAS Number | 9004-54-0 |
| EINECS | 232-677-5 |
| MDL Number | 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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