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Certificate of Analysis

Product Name Dextran 40,000, EP grade
Glentham Code GE6554
CAS Number 9004-54-0
EINECS 232-677-5
MDL Number MFCD00130935

Batch Number 359EXE

| Property | Specification | Batch 359EXE |
|--------------------------------|---|---|
| Physical Description | White or almost white powder | White powder |
| Solubility | Very soluble in water, very slightly soluble in ethanol | Very soluble in water, very slightly soluble in ethanol |
| Specific Optical Rotation | +195 - +201 ° | +195 ° |
| Identification (IR) | To conform to standard | Conforms |
| Average Molecular Weight | 35,000 - 45,000 | 37,600 |
| Molecular Mass Distribution | M10: ≤ 110,000, M90: ≥ 7,000 | M10: 101,000, M90: 8,500 |
| Acidity or Alkalinity | To pass EP test | Conforms |
| Nitrogen Containing Substances | ≤ 110ppm | Conforms |
| Ethanol | ≤ 0.5% | Conforms |
| Methanol | ≤ 0.05% | Conforms |
| Other Residual Solvents | ≤ 0.5% | Conforms |
| Heavy Metals | ≤ 10ppm | Conforms |
| Loss on Drying | ≤ 7.0% | 3.9% |
| Sulphated Ash | ≤ 0.3% | 0.07% |
| Bacterial Endotoxins | ≤ 10IU/g | < 5IU/g |
| Total Aerobic Microbial Count | ≤ 100CFU/g | < 10CFU/g |
| Pharmacopoeia Specification(s) | EP | Conforms |

Specification Version v1.0

Manufacture Date 2022-02-17

Re-Test Date 2030-05-05

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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