

Glentham Life Sciences Ltd Unit 5 Leafield Way Corsham SN13 9SW United Kingdom

t: +44 (0) 1225 667 798 f: +44 (0) 2033 978 909 e: info@glentham.com w: www.glentham.com

Certificate of Analysis

Product Name Dextran 70,000, EP grade
Glentham Code GE0761
CAS Number 9004-54-0
EINECS 232-677-5
MDL Number MFCD00130935
Batch Number 9120EB

Property	Specification	Batch 912OEB
Physical Description	White or almost white powder	White powder
Solubility	Very soluble in water, very slightly soluble in ethanol	Conforms
Specific Optical Rotation	+195 - +201 °	+196.4°
Identification (IR)	To conform to standard	Conforms
Average Molecular Weight	64,000 - 76,000	66,535
Molecular Mass Distribution	M10: ≤ 185,000, M90: ≥ 15,000	M10: 173,922, M90: 15,747
Solubility (10% in water)	Clear, colourless solution	Clear, colourless solution
Solubility (33% in water)	Clear, colourless, viscous solution	Clear, colourless, viscous solution
Acidity or Alkalinity	To pass EP test	Conforms
Nitrogen Containing Substances	≤ 110ppm	≤ 110ppm
Ethanol	≤ 0.5%	0.01%
Methanol	≤ 0.05%	0.0%
Other Residual Solvents	≤ 0.5%	Conforms
Heavy Metals	≤ 10ppm	Conforms
Loss on Drying	≤ 7.0%	3.0%
Sulphated Ash	≤ 0.3%	0.03%
Bacterial Endotoxins	≤ 16IU/g	Conforms
Total Aerobic Microbial Count	≤ 100CFU/g	≤ 10CFU/g
Pharmacopoeia Specification(s)	EP	Conforms

Specification Version v1.0

Manufacture Date 2023-05-05

Re-Test Date 2030-09-13

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024

Page 1 of 1 Printed: 2024-06-30 17:22:04