

Product Specification

Product Name : Hyaluronic acid sodium salt, m.w.
1.5MDa, Ph. Eur. grade
Glentham Code : GE0114
CAS Number : 9067-32-7
MDL Number : MFCD00131348

Molecular Weight : ~1,500,000
Molecular Formula : (C₁₄H₂₀NNaO₁₁)_n
Storage Temp. : -20°C

Property	Specification
Physical Description	White to almost white powder, hygroscopic
Identification	A, B according to Ph. Eur.
Appearance of Solution	A _{600nm} : ≤ 0.01
pH (0.5% in water)	5.0 - 8.5
Intrinsic Viscosity	To pass Ph. Eur. test
Sulfated Glycosaminoglycans	≤ 1.0%
Nucleic Acids	A _{260nm} : ≤ 0.5
Protein	≤ 0.05%
Chlorides	≤ 0.5%
Iron (Fe)	≤ 80ppm
Heavy Metals	≤ 10ppm
Arsenic (As)	≤ 2ppm
Residue on Ignition	≤ 20.0%
Bacteria Count	≤ 100CFU/g
Yeast and Mould	≤ 10CFU/g
Staphylococcus aureus	Negative
Pseudomonas aeruginosa	Negative
Hemolysis	Negative
Hemolytical Streptococci	Negative
Endotoxins	≤ 0.5EU/mg
Loss on Drying	≤ 10.0%
Glucuronic acid	≥ 46.0%
Assay	95.0 - 105.0 % (dried basis)
Pharmacopoeia Specification(s)	Ph. Eur.

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Specification Version : v1.0
Date Created : 2016-11-10

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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