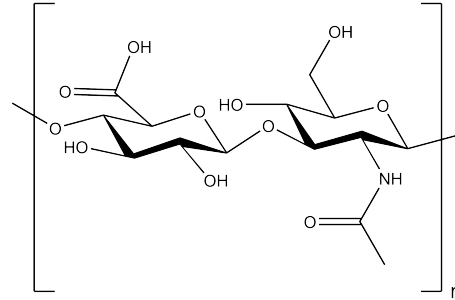


Product Specification

Product Name	Hyaluronic acid
Glentham Code	GK1476
CAS Number	9004-61-9
EINECS	232-678-0
MDL Number	MFCD00131348
PubChem SID	310274713
Molecular Weight	approx. 3,000 - 500,000 (avg.)
Molecular Formula	$(C_{14}H_{21}NO_{11})_n$
Storage Temp.	-20°C



Property	Specification
Physical Description	White to off-white powder
Assay	≥ 80.0% (Hyaluronic acid)
Glucuronic acid	≥ 45.0%
pH	2.5 - 3.0
Protein	≤ 0.1%
Loss on Drying	≤ 10.0%
Residue on Ignition	≤ 5.0%
Chlorides	≤ 0.5%
Heavy Metals	≤ 10ppm
Arsenic (As)	≤ 2ppm
Total Plate Count	≤ 100CFU/g
Total Mould / Yeast Count	≤ 10CFU/g
Staphylococcus aureus	Negative
Pseudomonas aeruginosa	Negative
Hemolysis	Negative
Haemolytic Streptococci	Negative

Specification Version	-	v1.1
Date Created	-	2016-03-24

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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