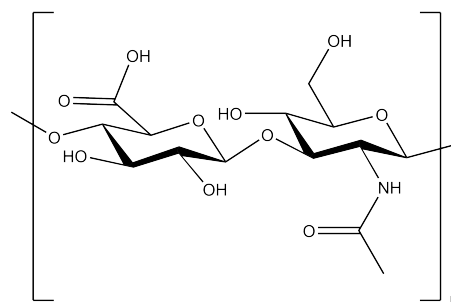


Product Specification

Product Name	Hyaluronic acid
Glentham Code	GK1476
CAS Number	9004-61-9
EINECS	232-678-0
Numéro MDL	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	$\geq 80.0\%$ (Hyaluronic acid)
Glucuronic acid	$\geq 45.0\%$
pH	2.5 - 3.0
Protein	$\leq 0.1\%$
Loss on Drying	$\leq 10.0\%$
Residue on Ignition	$\leq 5.0\%$
Chlorides	$\leq 0.5\%$
Heavy Metals	$\leq 10\text{ppm}$
Arsenic (As)	$\leq 2\text{ppm}$
Total Plate Count	$\leq 100\text{CFU/g}$
Total Mould / Yeast Count	$\leq 10\text{CFU/g}$
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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