

Specification

Formula Hill: $(C_{14}H_{20}NO_{11}Na)_n$
Molar Mass:
CAS N°: 9067-32-7

106940 Hyaluronic acid sodium salt

	Specification
Assay	≥ 95,0 %
Identity (IR)	conforms
Protein	≤ 0,1 %
Appearance	white powder
Transparency (in 0,1% aq.sol.)	≥ 99,0 %
Intrinsic viscosity	23,64 - 29,56 dL/g
Molecular weight	1,5 - 2,0 MDa
pH value	6,0 - 7,5
Mesh	≥ 80
Nitrogen (N)	3,0 - 4,0 %
Glucuronic acid	≥ 45,0 %
Heavy metals (as Pb)	≤ 0,0020 %
As (Arsenic)	≤ 2 ppm
Loss on drying	≤ 10,0 %
Residue after ignition	15,0 - 20,0 %
Bulk density	≥ 0,2 g/ml
Escherichia coli	negative
Total bacterial count	≤ 10 cfu/g
Yeast & Mold	≤ 10 cfu/g
Salmonella	negative
Staphylococcus aureus	negative
Pseudomonas aeruginosa	negative