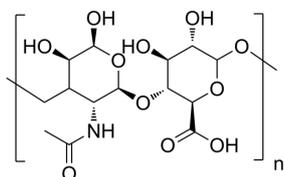


Certificate of Analysis

Product Name: Hyaluronic acid
Cat. No.: CS-6238
CAS No.: 9004-61-9
Batch No.: 24008
Chemical Name: Hyaluronic acid

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₆H₂₇NO₁₁
Molecular Weight: 379.32 (monomer)
Storage: 2-8°C, protect from light
Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)
¹H NMR Spectrum: Consistent with structure
Transparency (0.1% solution): 99.90 %
Glucuronic Acid: 46.60 %
Protein: 0.02 %
pH: 6.29
Loss on Drying: 7.10 %
Strong Heat Residue: 11.9 %
Heavy Metals: <10 ppm
Bacterial Counts: 20 cfu/g
Dynamite Viscosity: 24.4mm²/s
Molecular weight: 9.04X10⁵ Da
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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