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## CERTIFICATE OF ANALYSIS

Items	Specification
Appearance	White or almost white powder or fibrous aggregate
Identification	The IR spectrum of the sample exhibits maxima at the same wavelength as that of Ph.Eur.reference spectrum of Sodium Hyaluronate.
A. Infrared absorption	
B. Reaction of sodium	Positive
Appearance of solution	Clear and the absorbance is NMT 0.01 at 600 nm
pH	5.0~8.5 (0.5% solution)
Intrinsic viscosity	Report the test value
Molecular weight	$1.20 \times 10^6$ Da
Nucleic acids	The absorbance is NMT 0.5 at 260 nm
Protein	$\leq 0.1\%$ (on the dried substance)
Chlorides	$< 0.5\%$
Heavy metals	$\leq 10$ ppm
Iron	$\leq 80$ ppm (on the dried substance)
Loss on drying	$\leq 20.0\%$
Assay	95.0%~105.0% (on the dried substance)
Residual solvents: Ethanol	$\leq 0.5\%$
Microbial contamination	$\leq 100$ cfu/g
Bacterial Endotoxins	$< 0.05$ IU/mg