

Typical Specification

Item	Standard	Result
Appearance	White or almost white powder or granule	Complied
Sodium hyaluronate	$\geq 95.0\%$	99.6%
Appearance of solution(0.5% aq. sol., 25°C)	$A_{600nm} \leq 0.01$	Complied
Nucleic Acids(0.5% aq. sol., 25°C)	$A_{260nm} \leq 0.5$	Complied
pH(0.5% aq. sol., 25°C)	5.0~8.5	6.5
Molecular weight	5-10K Da	8.55 kDa
Protein	$\leq 0.1\%$	0.01%
Loss on drying	$\leq 10.0\%$	8.3%
Residue on Ignition	$\leq 20.0\%$	16.8%
Chlorides	$\leq 0.5\%$	Complied
Iron	$\leq 80\text{ppm}$	Complied
Heavy metal	$\leq 10 \text{ mg/kg}$	<10mg/kg
Bacteria counts	$\leq 100\text{CFU/g}$	Complied
Molds & Yeasts	$\leq 50\text{CFU/g}$	Complied
Staphylococcus aureus	Negative/g	Negative
Pseudomonas aeruginosa	Negative/g	Negative