

Typical Specification

Item	Standard	Result
Appearance	White or almost white powder or granule	Complied
Glucuronic acid	$\geq 45.0\%$	47.0%
Sodium hyaluronate	$\geq 93.0\%$	99.2%
pH(0.5% aq. sol., 25°C)	5.0~8.5	7.0
Appearance of solution	$A_{600nm} \leq 0.01$	Complied
Nucleic Acids	$A_{260nm} \leq 0.5$	Complied
Loss on drying	$\leq 10.0\%$	6.2%
Molecular weight	< 5 k Da	$4.332 \cdot 10^3$ Da
Intrinsic viscosity	measured value	0.25dL/g
Kinematic viscosity	measured value	0.98mm ² /s
Protein	$\leq 0.1\%$	0.03%
Heavy metal (as Pb)	≤ 20 mg/kg	<10mg/kg
Bacteria counts	≤ 100 CFU/g	Complied
Molds & Yeasts	≤ 50 CFU/g	Complied
Staphylococcus aureus	Negative/g	Negative
Pseudomonas aeruginosa	Negative/g	Negative