

## Typical Specification

Item	Standard	Result
Appearance	White or almost white powder or granule	Complied
Glucuronic acid	≥45.0%	47.2%
Sodium hyaluronate	≥95.0%	97.8%
pH(0.5% aq. sol., 25°C)	5.0~8.5	6.7
Absorbance(0.5% aq. sol., 25°C)	$A_{280nm} \leq 0.25$	0.08
Transmittance(0.5% aq. sol., 25°C)	$T_{550nm} \geq 99.0\%$	99.9%
Loss on drying	≤10.0%	6.0%
Molecular weight	800-1,600 k Da	1,200 k Da
Intrinsic viscosity	measured value	19.7 dL/g
Kinematic viscosity	measured value	39.10mm <sup>2</sup> /s
Protein	≤0.1%	0.04%
Heavy metal (as Pb)	≤20 mg/kg	<10mg/kg
Bacteria counts	≤100CFU/g	Complied
Molds & Yeasts	≤50CFU/g	Complied
Staphylococcus aureus	Negative/g	Negative
Pseudomonas aeruginosa	Negative/g	Negative