

Typical Specification

Item	Standard	Result
Appearance	White or almost white powder or granule	Complied
Glucuronic acid	$\geq 45.0\%$	47.3%
Sodium hyaluronate	$\geq 93.0\%$	97.7%
pH(0.5% aq. sol., 25°C)	5.0~8.5	6.5
Absorbance(0.5% aq. sol., 25°C)	$A_{280nm} \leq 0.25$	0.12
Transmittance(0.5% aq. sol., 25°C)	$T_{550nm} \geq 99.0\%$	99.8%
Loss on drying	$\leq 10.0\%$	7.3%
Molecular weight	200 - 600 k Da	260 k Da
Intrinsic viscosity	measured value	6.03 dL/g
Kinematic viscosity	measured value	5.73 mm 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