

The Analytical Certificate

Items		Specifications	Results
1	Description	White powder	Passed
2	pH	6.0~7.5	6.4
3	Glucuronic Acid	≥45.0%	47.0%
4	Molecular Weight	(0.5~0.7) × 10 ⁶	0.68 × 10 ⁶
5	Intrinsic viscosity	10.0~13.5dL/g	12.7dL/g
6	Mesh	≥80	Passed
7	Bulk Density	≥0.2g/cm ³	0.30g/cm ³
8	Protein	≤0.2%	0.02%
9	Kinematic Viscosity	Actual Value	31.0mm ² /s
10	Heavy Metals (Pb)	≤20ppm	≤20ppm
11	Loss on Drying	≤8.0%	7.0%
12	Nitrogen	3.0~4.0%	3.4%
13	Arsenic	≤2ppm	< 2ppm
14	Formaldehyde	≤5ppm	< 5ppm
15	Powerful Heat Remain	≤13.0%	11.7%
16	Presence of the other mucopolysaccharides	None detected	Passed
17	Hemolysis	A red blood corpuscle is precipitated and the top of the solution is clear	Passed
18	Bacteria Count	< 10cfu/g	< 10cfu/g
19	Mold and Yeast	< 10cfu/g	< 10cfu/g
20	Salmonella	Negative	Negative
21	Staphylococcus Aureus	Negative	Negative
22	Escherichia Coli	Negative	Negative