

## Typical Specification

<u>Items</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White or almost white powder or fibrous aggregates	Complies
Sodium Hyaluronate	95%min	97.8%
Molecular Weight	>1,800K Da	1,820K Da
Appearance of solution	Clear, $A_{600nm} < 0.01$	Complies
pH	5.0-8.5	6.6
Nucleic acids	$A_{260nm} < 0.5$	Complies
Protein	$\leq 0.1\%$	0.05%
Heavy metal	$\leq 20\text{ppm}$	<10ppm
Chlorides	$\leq 0.5\%$	<0.4%
Iron	$\leq 80\text{ppm}$	<80ppm
Arsenic	$\leq 2\text{ppm}$	$\leq 2\text{ppm}$
Loss on drying	$\leq 10.0\%$	6.7%
Residual on Ignition	$\leq 20\%$	16.6%
Bacteria Counts	$\leq 100\text{cfu/g}$	Complies
Molds & Yeasts	$\leq 50\text{cfu/g}$	Complies
Staphylococcus aureus	Negative/g	Negative
Pseudomonas aeruginosa	Negative/g	Negative
Hemolytic streptococci	Negative/g	Negative