

## Technical Data Sheet

<b>Product Name</b>	Hyaluronic Acid
<b>Item No.</b>	A3161
<b>CAS No.</b>	9004-61-9
<b>Country of Origin</b>	China
<b>Method</b>	Bio Fermented

<b>Item</b>	<b>Specification</b>	<b>Test Method</b>
Appearance	White powder	Visual
Bulk Density	0.2-0.6 g/ml	Tube Method
Transparency	99% Min (0.1% Solution)	/
Glucuronic Acid	45.0% Min	Spectrum lightintensity Method
HA	90.0% Min	Sulfuric Acid Carbazole Colorimetry Method
Protein	0.1% Max	Coomassie Brilliant Blue Method
PH Value	6.0-7.5	PH meter
Heavy Metals	10ppm Max	AAS
Arsenic(As)	2ppm Max	AAS
Loss on Dring	10% Max	5g/105 //2hrs
Molecular Weight	1,000,000-1,500,000	Intrinsic Viscosity Number Method
Total plate count	10cfu/g Max	AOAC
Yeast & mold	10cfu/g Max	AOAC
Escherichia coli	Negative	AOAC
Salmonella	Negative	AOAC
Staphylococcus	Negative	AOAC

<b>Packing</b>	Pack in foil bags or paper-drums and two plastic-bags inside.
<b>Storage</b>	Store in sealed containers at cool & dry place. Protect from light, moisture and pest infestation.
<b>Shelf life</b>	2 years when properly stored