

### Certificate of Analysis

Product Name:	Hyaluronic Acid	
Original:	China	
Grade:	Cosmetic Grade	
Batch No.:	01182010HA	
Manufacture Date:	18 <sup>th</sup> , Jan 2010	
Expired Date:	18 <sup>th</sup> , Jan 2012	
<b><u>Item</u></b>	<b><u>Specification</u></b>	<b><u>Result</u></b>
<b><u>Physical Items:</u></b>		
Appearance:	White Fine Powder	White Fine Powder
Mesh Size	100% through 80 Mesh	Conformed
Water Solubility	100% water soluble	100% water soluble
<b><u>Chemical Items:</u></b>		
Hyaluronic Acid:	95% Min	97.7%
Molecular Weight:	3000 to 8000	Conformed
Transparency:	99% Min (0.1% Solution)	99.6%
PH Value:	6.0-7.5	6.8
Loss on Drying:	10.0% Max (5g/105° C/2hrs)	8.4%
Protein:	0.1% Max	0.08%
Heavy Metals	20ppm Max (Atomic Absorption)	Conformed
Arsenic	2ppm Max (Atomic Absorption)	Conformed
<b><u>Microbiology Control</u></b>		
Total Plate Count	10cfu/g (AOAC) Max	10cfu/g Max
Total Yeast & Mold	10cfu/g (AOAC) Max	10cfu/g Max
<i>Staphylococcus Aureus</i>	Negative	Negative
<i>Pseudomonas Aeruginosa</i>	Negative	Negative
Packaging:	Inner Package: 1Kg/Bag; Outer Package: 10Kg/Drum	
Storage	Store in a cool dry area. Do not freeze. Keep away from strong direct light.	
Shelf Life	Two (2) years when properly stored.	