

## HyaluClear™50

**INCI Name: Hydrolyzed Hyaluronic Acid**

**CAS: 9004-61-9**

<u>Item</u>	<u>Specification</u>	<u>Method</u>
1. Characters	White or almost white powder or granules	VISUAL
2. Identification Infrared absorption	Consistent with reference spectrum of Sodium Hyaluronate	EP
Reaction of sodium	Positive	EP
3. pH(0.1% sol.)	4.5~5.5	inhouse
4. Loss on drying	≤ 10.0%	inhouse
5. Ash	<13.0%	inhouse
6. Molecular weight	25K-50K Da	inhouse
7. Protein	≤ 0.05%	inhouse
8. Heavy metals	≤ 20ppm	EP
9. Arsenic	≤ 2ppm	ICP-MS
10. Iron	≤ 80ppm	ICP-MS
11. Bacteria counts	≤ 100cfu/g	In-house
12. Mold & Yeast	≤ 50cfu/g	In-house
13. <i>Escherichia coli</i>	Negative	In-house
14. <i>Staphylococcus aureus</i>	Negative	In-house
15. <i>Pseudomonas aeruginosa</i>	Negative	In-house
16. Glucuronic acid	≥ 43.5%	EP
17. Hyaluronic Acid	≥ 90.0%	EP

**【Storage】** Keep airtight in a cool place

**【Package】** 1kg/Aluminum Foil Bag

**【Validity】** Three years