



SHAANXI KINGSCI BIOTECHNOLOGY CO., LTD.

### Certificate of Analysis

<b>Product Name</b>	Astaxanthin powder	<b>Derived from</b>	<i>Haematococcus pluvialis</i>
<b>Specification</b>	5%UV	<b>Manufacture Date</b>	Feb.06, 2017
<b>Batch No.</b>	As17020601	<b>Analysis Date</b>	Feb.06, 2017
<b>Quantity</b>	100kg	<b>Expiry Date</b>	Feb.05, 2019
<b>Original</b>			
<b>ITEMS</b>	<b>SPECIFICATIONS</b>	<b>RESULTS</b>	
Appearance	Dark-red powder, no burnt, rancid and other peculiar smell	Complies	
Astaxanthin by UV	≥5.0%	5.47%	
Astaxanthin by HPLC	≥4.0%	4.37%	
Loss on drying	≤10.0%	3.65%	
Ash	≤15.0%	2.15%	
Lead (Pb)	≤1.0ppm	0.17ppm	
Arsenic (As)	≤1.0ppm	0.46ppm	
Cadmium (Cd)	≤1.0ppm	<0.01ppm	
Mercury (Hg)	≤0.1ppm	0.01ppm	
Total plate count	≤30000cfu/g	6000cfu/g	
Yeast & Mold	≤50cfu/g	Negative	
E. Coli	≤0.92MPN/g	Negative	
Salmonella	Negative/25g	Negative	
Staphylococcus aureus	Negative	Negative	
Shigella	Negative	Negative	
<b>Storage</b>	Refrigerated at 4°C or below for maximum stability. It is recommended to keep the material in its original packing. After opening the original bag, it must be vacuuming or exchanging air by Nitrogen, the product should be stored in a dry and cool place, closed well and used within a short time.		
<b>Shelf life</b>	In its original packing at 4 ° C or below, this product will keep its properties for at least 24 months		
<b>QC</b>	MaJiang	<b>QA</b>	Hehui

