

### PRODUCT SPECIFICATION

<b>INCI/Botanical Name</b>	<i>HAEMATOCOCCUS PLUVIALIS</i>	<b>Common Name</b>	Green algae (Astaxanthin) Extract
<b>Parts of Plant</b>	Algae	<b>Reference Standard</b>	---
<b>Extraction solvent</b>	---	<b>Carrier</b>	---
<b>Color Shade</b>	Red or dark red	<b>Color Code</b>	---
<b>Batch Size</b>	100kg	<b>Expiry</b>	July- 2027
<b>Origin</b>	India/China	<b>CAS. No</b>	472-61-7
<b>HSN Code</b>	12122190	<b>Application &amp; Uses:</b> Food/Pharmaceuticals/Cosmetology	
TEST		SPECIFICATION	METHOD
<b>A. Physical Parameters:</b>			
<b>Appearance</b>	Free flowing powder	Q/AEF 0001S	
<b>Color</b>	Red or dark red	Q/AEF 0001S	
<b>Odor</b>	Characteristic	Q/AEF 0001S	
<b>Taste</b>	Characteristic	Q/AEF 0001S	
<b>Loss On Drying</b>	NMT 10%w/w	GB5009.3	
<b>Impurity</b>	No Visible Impurity	Q/AEF 0001S	
<b>Ash</b>	NMT 15%w/w	GB5009.4	
<b>B. Active Ingredients:</b>			
<b>Asatxanthin (UV)</b>	NLT 1%- 5% w/w	Q/AEF 0001S	
<b>C. Heavy Metals</b>			
<b>Lead (PB)</b>	NMT 0.8 mg/kg	GB5009.12	
<b>Arsenic (AS)</b>	NMT 1.0 mg/kg	GB5009.11	
<b>Cadmium (CD)</b>	NMT 1.0 mg/kg	GB5009.15	
<b>Mercury (Hg)</b>	NMT 0.1 mg/kg	GB5009.17	
<b>D. Microbiological Test:</b>			
<b>Total Plate Count</b>	NMT 1000 cfu/g	GB 4789.2	
<b>Total Yeast &amp; Mold Count</b>	NMT 300 cfu/g	GB 4789.15	
<b>E. Pathogen:</b>			
<b>Escherichia coli</b>	NMT 20	GB 4789.3	
<b>Salmonella</b>	Negative	GB 4789.4	
<b>F. Other:</b>			
Standard Packing: 25 Kg in single HDPE Container.			
The material is free from Allergens / GMO/ BSE - TSE.			
The material is not tested on animals.			
The material is non-irradiated & not treated with ETO.			
The above material complies with in-house specifications.			
Store in a cool and dry place away from sunlight and heat. The preferred storage is below 30°C.			
<b>THE PRODUCT IS OF HERBAL ORIGIN. THERE MAY BE MINOR COLOR DIFFERENCE DUE TO GEOGRAPHICAL AND SEASONAL VARIATION OF THE PLANT MATERIAL</b>			

Analysis by

Approved by

