



XI'AN GREEN SPRING TECHNOLOGY CO., LTD.

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CERTIFICATE OF ANALYSIS

Product Name: Astaxanthin Powder
Description: Red or dark red powder
Source: Haematococcus pluvialis
Origin of H.P China
Identification: Passes all criteria tests
Batch No 201109
Batch quantity 1000kg
Analysis Date: Nov 16, 2020

Item	Specification	Results
Assay of total Astaxanthin (UV)	$\geq 5.00\%$	5.11%
Odour	Seaweed freshness	Complies
Loss on drying	$\leq 5.00\%$	2.58%
Ash	$\leq 5.00\%$	1.52%
Heavy metal (as Pb)	$\leq 10\text{ppm}$	Complies
Arsenic	$\leq 1\text{ppm}$	Complies
Lead	$\leq 1\text{ppm}$	Complies
Cadmium	$\leq 1\text{ppm}$	Complies
Mercury	$\leq 0.5\text{ppm}$	Complies
Microbial Test		
Total aerobic microbial count	$\leq 10000\text{cfu/g}$	Complies
Moulds & yeasts	$\leq 50\text{cfu/g}$	Complies
*Salmonella	Negative	Complies
*Escherichia coli	Negative	Complies
*Staphylococcus aureus	Negative	Complies

Storage Cool & dry place, Do not freeze. Keep away from strong light and heat.
Shelf 2 year when properly stored.

