

AstaPure® 2.5% Natural Astaxanthin Complex Beadlets

Supercritical CO₂ extract of *Haematococcus pluvialis* algal biomass

Free-flowing, microencapsulated particles of Astaxanthin oleoresin

Version 0514

Analytical Specifications

Physical

Appearance:	Dark red micro-particles powder.	Moisture	≤ 10% (karl Fischer)
Solubility	Insoluble in water. Miscible with oil and non-polar solvents	Odor:	Characteristic
		Particle size:	100% through #20 mesh (paragraph 64LFGB)

Heavy Metals:

(DIN EN 14083; ASU 00.00-19/3 (L_SM1))

Lead (Limit of 3 ppm in EC 629/2008)	≤ 1 ppm
Arsenic (recommended limit of 3 ppm)	≤ 1 ppm
Mercury (Limit of 0.1 ppm in EC 629/2008)	≤ 0.1 ppm
Cadmium (Limit of 3 ppm in EC 629/2008)	≤ 1 ppm

Microbiological

Total Plate count	<1000 cfu/g
Yeast & Mold	<100 cfu/g
Coliforms	Not Detectable / g
E-coli	Not Detectable / 10g
Salmonella	Not Detectable / 25g

Composition

Non BSE Gelatin, AstaPure® oleoresin, Sucrose, Starch corn derived, Ascorbyl palmitate, Mixed tocopherols, Water

Chemical

Natural Astaxanthin Complex (incl. Other carotenoids)	≥ 2.5 %*
Astaxanthin purity (of total arotenoids)	≥ 95%**
Natural Astaxanthin	≥ 2.37 %***

Packaging

1, 5 or 10 Kg HDPE containers

Shelf life

Retest after 24 months

Storage

specifications

Recommended to store refrigerated (3-7°C). Shipment can be handled at room temperature. Sensitive to heat, light and oxygen.

Safety

information

Regulatory

Status

This product is safe for intended use. It is produced from a toxic-free microalgae *Haematococcus pluvialis*.

Approved by the EFSA(EU).FDA-reviewed and allowed as dietary supplement (May,2007) and GRAS. Approved by the Israeli Ministry of Health and Japanese authorities. This product is free of irradiated, or genetically modified organisms and ingredients (non-GMO).

Algatechnologies Corporation is GMP, ISO, HACCP, Kosher and Halal Certified.

* * Quantified spectrophotometrically against standard (Algatechnologies) in Acetone (λmax 472).

** Determined by reverse phase HPLC *** Calculated by spectrophotometer and HPLC

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Hadas Richter

Algatechnologies LTD.

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