

AstaPure® 2% Natural Astaxanthin Vegetarian Beadlets

Product Code	AST-B-4041	
General Description	Vegetarian, free-flowing, microencapsulated particles of natural Astaxanthin Oleoresin sourced from <i>Haematococcus pluvialis</i> microalgae and extracted by supercritical CO ₂ .	
Ingredient	Astaxanthin oleoresin (<i>H.Pluvialis</i> extract), Alginate ,Pea protein, HPMC, Water ,Mixed tocopherols.	
Physical	Appearance	Dark red micro-particles powder.
	Odor	Characteristic
	Loss on drying	≤10%
	Particle size	100% passes through Mesh No.18
	Solubility	Insoluble in water, slightly soluble in non-polar solvents.
Chemical	Natural Astaxanthin complex (total carotenoids)	≥2%*
	Astaxanthin purity (of total carotenoids)	≥95%**
	Natural Astaxanthin	≥1.9%***
Microbial Specification	Total Plate Count	<10 ³ cfu/g
	Yeast & Mold	<10 ² cfu/g
	Coliforms	<10 cfu/g
	E.coli	Absent in 10 g
	Salmonella	Absent in 20 g
Heavy Metal	Arsenic	<1.0 ppm
	Lead	<1.0 ppm
	Mercury	<0.1 ppm
	Cadmium	<1.0 ppm
Packaging	5/ 10/20 Kg in double polyethylene liners in heavy weight cardboard boxes	
Shelf life & Recommended Storage	2 years after date of manufacture when stored refrigerated (< 7°C) and in sealed original containers, (1 years if stored in a cool and dark place, ≤25°C).	

* Quantified spectrophotometrically against standard (USP cat#1044200) in Acetone (λmax 472).

** Determined by reverse phase HPLC

*** Calculated by spectrophotometer and HPLC

The product has not been irradiated.

The product is free of genetically modified organism and ingredients (non-GMO) Algatechnologies is certified ISO 9001:2008, HACCP, GMP, Kosher and Halal.

Version: 01

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 Manager:

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Algatechnologies LTD.

AstaPure®