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## Typical Product Specifications & Properties

# Astaxanthin

CAS Number: : 472-61-7

Specifications	Limits
Stability	In its original packing, this product will keep its properties for over 36 months at 4C below.
Ash	<= 1%
Heavy Metals	<= 10 ppm (USP method)
Total Molds and Yeasts (per g)	<= 100 cfu/g
Staphylococcus aureus	Negative
Appearance	Dark red viscous oleoresin
Solubility	Lipid soluble
Cadmium	<= 0.5 ppm
Salmonella	Negative
Readily Soluble	in pyridine, from which it can be crystallized by addition of water
Assay	>= 5%
Pb	<= 2 ppm



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Specifications	Limits
As	<= 1 ppm
Hg	<= 0.1 ppm
Total Plate Count	<= 1000 cfu/g
E Coli	Negative
Content	Natural Astaxanthin extracted from H.pluvalis by supercritical CO2 extraction
Moisture	<= 5% (Karl Fischer)
Melting Point	182-183 c
Molecular weight	596.85



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