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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	$\leq 1\%$
Heavy Metals	$\leq 10$ ppm (USP method)
Total Molds and Yeasts (per g)	$\leq 100$ cfu/g
Staphylococcus aureus	Negative
Appearance	Dark red viscous oleoresin
Melting Point	182-183 c
Assay	$\geq 5\%$
Solubility	Lipid soluble
Cadmium	$\leq 0.5$ ppm
Salmonella	Negative
Pb	$\leq 2$ ppm



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Specifications	Limits
As	$\leq 1$ ppm
Molecular weight	596.85
Hg	$\leq 0.1$ ppm
Total Plate Count	$\leq 1000$ cfu/g
E Coli	Negative
Content	Natural Astaxanthin extracted from <i>H. pluvalis</i> by supercritical CO <sub>2</sub> extraction
Moisture	$\leq 5\%$ (Karl Fischer)
Readily Soluble	in pyridine, from which it can be crystallized by addition of water



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