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## AstaFirst® Natural Astaxanthin Oleoresin

### Description:

**AstaFirst®** brand astaxanthin oleoresin is extracted from *Haematococcus pluvialis* powder (dry biomass) by a supercritical fluid CO<sub>2</sub> extraction technology with an astaxanthin content of 5-10% (5%, 7% and 10%). The solvent-free Astaxanthin oleoresin is a dark red viscous oil and non-GMO, which can be used in food supplements (ideal for manufacturing softgel) and cosmetics.

### Analytical Specifications:

Appearance	Dark red viscous oleoresin
Astaxanthin content	10%
Moisture	≤5%(karl Fischer)
Solubility	Lipid soluble
Heavy metals	<10 ppm as lead (USP method)
Microbiological data	
Total plate count	<300cfu/gr.
Yeast and molds	<100cfu/gr.
Coliforms, salmonella, Staphylococcus and S.Aureus	Absent

**Packaging:** **AstaFirst®** astaxanthin oleoresin is supplied in 1kg , 5kg and 10kg aluminium bottles.

**Storage:** The product should be stored in a dry and cool place at 5°C or below for maximum stability.

**Stability:** The product will keep its properties for at least 24 months at 5°C or below in its original packing.

**Safety:** This product is safe for intended use. It is produced from 100% toxic-free biomass of the green alga *Haematococcus Pluvialis* with no residual solvent and GMO-DNA.

**Uses:** **AstaFirst®** astaxanthin oleoresin is safe for use in food supplements and cosmetics.

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