



Technical Data Sheet

Product Name: Haematococcus pluvialis extract

Botanical source: *haematococcus pluvialis*

Active ingredients: Astaxanthin

Specification: 1%-10% astaxanthin

Appearance: Dark red Fine Powder

Test method: UV /HPLC



Health benefits:

1. Powerful antioxidant effects.
2. Increase strength and endurance
3. Boosts Immune System
4. Inhibit Skin aging with skin-whitening effect
5. Prevent Diabetic Syndrome & Arteriosclerosis
6. Cardiovascular & heart health Benefits
7. Improve Eye Health.
8. Anti-inflammatory & Anti-helicobacter Pylori Activity
9. Nervous System Benefits

Application:

1. Applied in food field, it is mainly used as food additives for pigment and health care.
2. Applied in animal feeds field, it is used as a new animal feed additive to impart coloration, including farm-raised salmon and egg yolks.
3. Applied in pharmaceutical field, it is mainly used to prevent cancer and anti-oxidant.
4. Applied in cosmetic field, it is mainly used to Antioxidant and UV protection



Technical specification:

ITEMS	SPECIFICATIONS
Appearance	Dark-red powder, no burnt, rancid and other peculiar smell
Astaxanthin by UV	≥5.00%
Loss on drying	≤10.0%
Ash	≤15.0%
Lead (Pb)	≤1.0 ppm
Arsenic (As)	≤1.0 ppm
Cadmium (Cd)	≤1.0 ppm
Mercury (Hg)	≤0.1 ppm
Total plate count	≤30000 cfu/g
Yeast & Mold	≤50 cfu/g
E. Coli	≤0.92 MPN/g
Salmonella	Negative/25g
Staphylococcus aureus	Negative
Shigella	Negative

Packaging Details:

Package: 25kgs/fiber drum, inner with double-layer plastic bags.

Storage: Refrigerated at 4°C or below for maximum stability. It is recommended to keep the material in its original packing. After opening the original bag, it must be vacuuming or exchanging air by Nitrogen, the product should be stored in a dry and cool place, closed well and used within a short time.

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