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Astaxanthin

Data Sheet

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Antioxidant Power Deluxe

Natural Premium Astaxanthin from Algae: Powerful antioxidant for natural protection against sun and premature skin aging.

Powerful antioxidant specifically extracted from the *Haematococcus pluvialis* algae

Antioxidants neutralize free radicals in the body, which are caused by external environmental factors such as UV radiation, pollution, and poor diet.

- Powerful Antioxidant
- Natural Sun Protection
- 8mg Astaxanthin
- Anti-Aging Effect
- Cell Protection from Oxidative Stress

What is Astaxanthin?

Antioxidant Power Deluxe! Our Astaxanthin, which is specially extracted from the *Haematococcus Pluvialis* algae, acts as a **powerful antioxidant**. Antioxidants **neutralize free radicals** in the body, which are generated by external environmental factors such as UV radiation, pollution, and poor diet.

A boost for your **cell health**, as Astaxanthin helps reduce oxidative stress caused by free radicals, contributing to **slowing down the aging process** and supporting metabolism.

Additionally, your **immune system** also benefits from Astaxanthin's **anti-inflammatory properties**, which help support your defenses during challenging times.

Anti-aging from algae: By taking Astaxanthin as a supplement, you can support your skin from the inside and strengthen natural defense mechanisms to help prevent premature skin aging.

Why Astaxanthin from artgerecht?

- Very high Astaxanthin content: 8mg per capsule
- From special microalgae Haematococcus Pluvialis, nGMO/genetically modified organism-free
- High ratio of pure Astaxanthin to other carotenoids ($\geq 95\%$)
- Antioxidant effect against free radicals and oxidative stress
- Skin protection and anti-aging effect
- Supports the immune system
- Supports physical performance
- Sustainable production

Scientific background to Astaxanthin?

Astaxanthin is one of the strongest natural **antioxidants** and protects cells from oxidative stress caused by free radicals. This property makes it not only an important advocate for our health but also a potential phytotherapeutic agent for conditions that may be linked to increased oxidative stress.

It is derived from the microalga Haematococcus pluvialis, as the body cannot produce Astaxanthin on its own. It is especially valued for its ability to promote **cell health** and slow down premature **aging**. Products based on the blood rain alga Haematococcus pluvialis are particularly recommended. The Astaxanthin extracted from the algae is more stable and better absorbed by the body due to esterification – the attachment of natural fatty acids to the ends of the molecule. Synthetic Astaxanthin, on the other hand, is unesterified and can easily oxidize.

For athletes, Astaxanthin is especially valuable as it supports **muscle regeneration** and reduces **inflammation**. It can also improve endurance by enhancing **energy production** in cells.

Additionally, it contributes to **skin health** by protecting against UV damage and slowing down skin aging. The immune system and **vision** also benefit from regular intake of Astaxanthin. Furthermore, according to current studies, Astaxanthin may positively influence cardiovascular diseases and chronic inflammation processes.

Its versatile **positive effects** make Astaxanthin an ideal supplement for individuals looking to support their health and enhance their physical **performance**.

Frequently Asked Questions

What is Astaxanthin and what health benefits does it offer?

Astaxanthin is a powerful antioxidant that naturally occurs in algae, crustaceans, and fish. It provides numerous health benefits, including protection against cell damage, promotion of metabolic health, and potential support for longevity.

Why are Astaxanthin capsules black?

Astaxanthin is a natural red pigment from the carotenoid class, primarily found in the single-celled **green algae Haematococcus pluvialis**. Paradoxically, the green algae is often not green at all, but dark red. This is because the algae releases the red pigment Astaxanthin in stressful situations (extreme climates, lack of food, etc.) as a protective mechanism. The carotenoid Astaxanthin mainly **protects against harmful UV radiation**. Due to the dark red substance, the capsules appear black.

How is Astaxanthin extracted from algae?

Astaxanthin is extracted from *Haematococcus Pluvialis* algae biomass, which is rich in natural Astaxanthin. A common extraction method is supercritical CO2 cold extraction, which allows for a gentle and efficient extraction process.

Can Astaxanthin help improve athletic performance?

There is evidence to suggest that Astaxanthin can enhance athletic performance by increasing endurance and reducing muscle fatigue. This may help athletes improve their performance and shorten recovery time.

What quality guarantees exist for Astaxanthin supplements?

Our premium Astaxanthin is made from high-quality ingredients, including solvent-free Astaxanthin oleoresin from algae and carrier oils. It is produced in facilities that adhere to the highest quality standards and, like all our products, is regularly tested in laboratories for purity and effectiveness.

Can Astaxanthin improve skin health?

Yes, Astaxanthin can help improve skin health by protecting the skin from damage caused by free radicals and stimulating collagen production. This can help improve skin elasticity, reduce fine lines and wrinkles, and promote a youthful appearance.

Are there certain populations who should avoid Astaxanthin supplements?

Pregnant women, breastfeeding mothers, and individuals with certain medical conditions should consult their doctor before taking Astaxanthin supplements to ensure that it is safe for them. People with algae allergies should also avoid these supplements.

When should you take Astaxanthin?

Astaxanthin can be taken at any time of the year and at any time of day. It is commonly used in the spring or early summer months to gradually build up UV protection.

What ingredients are contained in ASTAXANTHIN?

Capsule content: thistle oil, Astaxanthin-rich oleoresin from *Haematococcus Pluvialis* algae, sunflower oil, antioxidant alpha-tocopherol, capsule: thickening agent hydroxypropyl starch, humectant glycerin, sorbitol, gelling agent carrageenan, water, colorant iron oxides and iron hydroxides, acidity regulator sodium carbonates.

More about Astaxanthin

Astaxanthin ist ein besonders potentes Antioxidans, das durch seine chemische Struktur und natürlichen Eigenschaften beeindruckt. Als Mitglied der Carotinoide sticht es hervor, da es sowohl wasser- als auch fettlösliche Enden (auf molekularer Ebene) besitzt. Diese einzigartige Eigenschaft ermöglicht es Astaxanthin, Zellmembranen effektiv von innen und außen zu schützen, was es zu einem der leistungsstärksten Antioxidantien macht.

Mit seiner Fähigkeit, freie Radikale zu neutralisieren, zeigt es sich bis zu 6000-mal stärker als Vitamin C, etwa 550-mal stärker als Vitamin E und 11-mal stärker als Beta-Carotin. Besonders bemerkenswert ist, dass Astaxanthin effektiv gegen singlet Sauerstoff, eine der aggressivsten Formen von reaktiven Sauerstoffspezies (ROS), vorgeht und dabei selbst stabil bleibt. Diese Stabilität macht es langlebiger und wirkungsvoller als viele andere Antioxidantien.

Astaxanthin wird auf natürliche Weise von Mikroalgen wie *Haematococcus pluvialis* produziert. Für diese Algen dient es als Schutzmechanismus gegen starke UV-Strahlung und oxidativen Stress – Eigenschaften, die auch dem menschlichen Körper zugutekommen. Besonders interessant: Astaxanthin verleiht Tieren wie Lachsen, Shrimps oder Flamingos ihre charakteristische rote bis orange Farbe.

Dank seiner außergewöhnlichen Effizienz, Stabilität und Doppelfunktionalität – fett- und wasserlöslich (lipophilic und hydrophilic) – unterstützt Astaxanthin verschiedene Gewebe und Systeme im Körper. Es ist ein echter Allrounder, der Haut, Augen, Muskeln und das

Immunsystem stärken kann. Aufgrund dieser Eigenschaften wird es zu Recht als eines der stärksten natürlichen Antioxidantien angesehen.

Ingredients

Astaxanthin-rich Oleoresin from the Haematococcus Pluvialis Algae, Omega 9 Fatty Acids from Thistle and Sunflower, Antioxidant (Alpha-Tocopherol)

Content

Per Daily Dose (1 Capsule)

Astaxanthin-rich oleoresin from the Haematococcus Pluvialis algae 80 mg

Of which:

- Haematococcus Pluvialis extract

54 mg

- Astaxanthin

8 mg

Recommended intake

Take 1 capsule per day after a meal.

Additional information

- SKU/MPN: 15407
- Content: 30 Capsules
- Net filling quantity: 25 g
- EAN/GTIN: 4260656120583
- PZN (DE): 19342074
- PZN (AT): 5884707
- Customs tariff number: 29369000
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