



Panaferd®-AX

THE NATURAL CHOICE

Panaferd®-AX is a 100% natural additive, a source of carotenoids, super antioxidants and natural nutrients, for fish and crustaceans.

Panaferd®-AX is composed of the microorganism *Paracoccus Carotinifaciens*, which is part

of the seabed and also part of the natural feeding cycle in nature. Panaferd® is supplied in the diet in order to improve the coloration and health of organisms.



PARACOCCLUS



NATURALLY

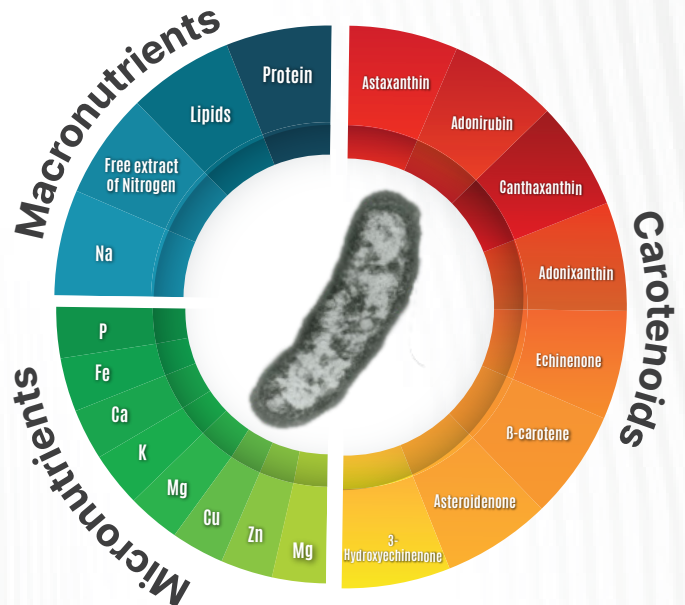


FERMENTED

Paracoccus carotinifaciens is a small micro-organism: a bacterium naturally found in the soils of marine and brackish waters. It can be considered as the start of the aquatic food chain.



0.2 µm



PANAFERD®-AX CONTENT



GMO FREE



FERMENTATION TECHNOLOGY



NATURAL NUTRIENTS



SUPER ANTIOXIDANTES



COLOR



www.panaferd.com

Sales contact

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Technical information of

Panaferd®-AX

Identity

Inactive dried, nonpathogenic and nontoxicogenic bacterial cells of astaxanthin-rich *Paracoccus carotinifaciens*.

Main components: lipids and proteins from *Paracoccus* cells.

Primary natural carotenoids: astaxanthin, adonirubin, and canthaxanthin.

Other natural carotenoids: adonixanthin, echinenone, beta-carotene, 3-hidroxyechinenone, asteroidenone

Ingredients

Inactive dried bacterial cells of astaxanthin-rich *Paracoccus carotinifaciens*

Excipient: Calcium carbonate (for concentration adjustment)

Major nutritional components

| | |
|-----------------------|--------|
| Crude Protein: | 52.5 % |
| Nitrogen-free extract | 38.2 % |
| Crude Ash: | 3.9 % |
| Moisture: | 3.5 % |
| Crude Fat: | 1.9 % |
| Crude Fiber: | <0.1 % |

Carotenoids

| | % | g/kg |
|--------------------------|--------------|-------------|
| Astaxanthin | 50.24% | 21.82 |
| Adonirubin: | 29.46% | 12.9 |
| Cantaxanthin: | 9.26% | 4.06 |
| Adonixanthin | 3.86% | 1.66 |
| Echinenone: | 3.08% | 1.36 |
| β-Carotene: | 1.62% | 0.7 |
| Asteroidenone | 1.54% | 0.66 |
| 3-Hydroxyechinenone: | 0.94% | 0.42 |
| Total Carotenoids | 100 % | 43.6 |

Instructions of use

- To be mixed in feed
- Suggested dosages for pigmentation purpose:

Salmonids: 1.5-2.5 kg/ ton feed

Shrimp: 1-3 kg/ ton feed

Package

20kg, 500kg.



Color comparable to wild species



Healthier production



Safe for consumers

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Disclaimer: National regulations may vary and need to be considered prior to product use