

ROXAZYME G2®

Description

ROXAZYME G2® consists of violet-brown to brown-violet, free-flowing particles (beadlets). They contain astaxanthin in a cornstarch-coated matrix of lignosulfonate and corn oil. Ethoxyquin is added as an antioxidant.

Product identification

Product code: 50 0108 0

Chemical names: 3,3'-dihydroxy-4,4'-diketo- β -carotene; 3,3'-dihydroxy- β , β -carotene-4,4'-dione; 3,3'-dihydroxy-[all-*trans*-1,18-(3,7,12, 16-tetramethyl-1,3,5,7,9,11,13,15,17-octadecanonaen-1,18-diyl)-bis-(2,6,6-trimethyl-cyclohexen)]-4,4'-dione (3*S*,3'*S*:3*R*,3'*R*:3*R*,3'*S* = 1:1:2)

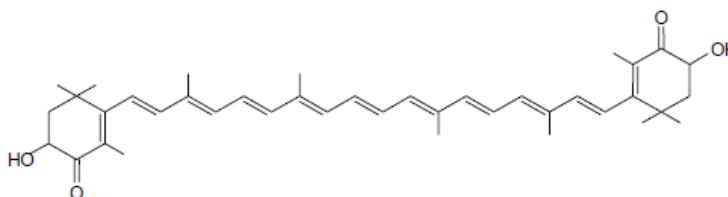
Synonyms: astaxanthin

CAS No.: 7542-45-2

EINECS No.: 231-424-6

Empirical formula: C₄₀H₅₂O₄

Molecular mass: 596.85 g/mol_{HO}



Specifications

Appearance:	violet-brown to brown-violet, free-flowing particles
Fineness (US standard sieves):	100% through sieve No. 20 min. 90% through sieve No. 40 max. 30% through sieve No. 100
Loss on drying:	max. 8%
Astaxanthin content:	min. 10%

Dispersibility

ROXAZYME G2® is dispersible in cold water, yielding a red coloration.

Preparation of solutions: slowly add the powder to 10–15 times its weight in cold or warm water under continuous stirring.

Stability and storage

ROXAZYME G2® is sensitive to air, heat, light and humidity. The product may be stored for 36 months from the date of manufacture in the unopened original container and at a temperature below 15 °C. The 'best use before' date is printed on the label. Keep container tightly closed. Once opened, use contents quickly.

DSM Nutritional Products

Product Data Sheet



Uses

As a carotenoid source for aquatic animals.

Regulatory status

Generally approved for the intended use.

Safety

This product is safe for the intended use. Avoid ingestion, inhalation of dust or direct contact by applying suitable protective measures and personal hygiene.

For full safety information and necessary precautions, please refer to the respective DSM Material Safety Data Sheet.

Legal notice

The information given in this publication is based on our current knowledge and experience, and may be used at your discretion and risk. It does not relieve you from carrying out your own precautions and tests. We do not assume any liability in connection with your product or its use. You must comply with all applicable laws and regulations, and observe all third party rights.

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