

Product Information

Product Data Sheet

AstaSana™ 5% CWS/S-TG

Product code: 5016378

Description

AstaSana™ 5% CWS/S-TG consists of free-flowing particles (fine granular powder). They contain Astaxanthin finely dispersed in a matrix of Modified Food Starch and Glucose Syrup. *dl*- α -Tocopherol and Sodium Ascorbate are added as antioxidants.

Product identification

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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)

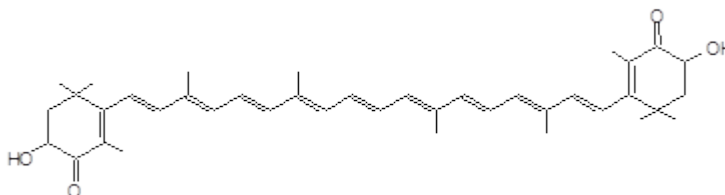
Synonyms: astaxanthin

CAS No.: 7542-45-2

EINECS No.: 231-424-6

Empirical formula: C₄₀H₅₂O₄

Molecular mass: 596.85 g/mol



Specifications

Appearance:	free-flowing particles
Colour:	violet
Fineness (US standard sieves):	
<ul style="list-style-type: none"> • through sieve No. 20 • through sieve No. 40 • through sieve No. 100 	100 % min. 85 % max. 15 %
Loss on drying:	max. 6 %
Dispersibility in water:	dispersible
Colour of aqueous solution:	
<ul style="list-style-type: none"> • A (1 %, 1 cm) at maximum 	min. 50

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Astaxanthin content:	min. 5.0 %
Microbiological purity:	
• Total aerobic microbial count	max. 10 ³ CFU/g
• Total combined Yeasts/Moulds count	max. 10 ² CFU/g
• Enterobacteria	< 10 CFU/g
• Escherichia coli	negative in 10 g
• Salmonella spp.	negative in 25 g
• Staphylococcus aureus	negative in 10 g
• Pseudomonas aeruginosa	negative in 10 g

Dispersibility

AstaSana™ 5% CWS/S-TG is dispersible in cold water.

Stability and storage

AstaSana™ 5% CWS/S-TG 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.

Uses

AstaSana™ 5% CWS/S-TG can be used for oral dosage forms like tablets to swallow, chewables and effervescent tablets, and for hard-shell capsules.

Regulatory status

For use in dietary supplements in the US only. Further information available on demand. Please contact DSM Nutritional products North America.

Safety

AstaSana™ 5% CWS/S-TG 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.

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Additional information

To find out more about our ingredients, please contact your nearest DSM Nutritional Products office.

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