

Tonalin® 60 WDP

Chemical name of active ingredient

Conjugated Linoleic Acid (CLA)

CAS-No.

2540-56-9 cis-9, trans-11 CLA

2420-56-6 trans-10, cis-12 CLA

PRD-No.

30534471

Articles

50608846 15kg bag in box

Country of origin

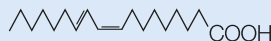
Germany

Description

Tonalin® 60 WDP is a white to off-white powder with characteristic taste and odor. It is made by spray drying Tonalin® TG 80 onto glucose sirup and milk powder carrier. It contains approx. 57% conjugated linoleic acid. Tonalin is derived from safflower oil. Tonalin® 60 WDP contains a 50:50 ration of the active conjugated linoleic acid isomers (C18:2, c9, t11 and C18:2 t10, c12).

Composition

Ingredients in descending order of weight: Conjugated linoleic acid glycerides from safflower oil, glucose syrup, milk powder, silicon dioxide (E 551), calcium caseinate, tetrapotassium diphosphate (E 450), ascorbyl palmitate (E 304), tocopherol-rich extract (E 306).



CLA cis-9, trans-11

cis-9, trans-11 conjugated octadecadienoic acid



CLA trans-10, cis-12

trans-10, cis-12 conjugated octadecadienoic acid

$C_{18}H_{32}O_2$

Molar mass 280.44 g/mol

Solubility

Water dispersible.

Specification

Assay

Content	Conjugated Linoleic Acid (CLA)	530 – 620 mg/g (typical value 570 mg/g)
Assay		

For further information see separate document: “Standard Specification” (not for regulatory purposes) available via BASF’s WorldAccount: <https://worldaccount.basf.com> (registered access).

Standards

Product is kosher and halal. Produced under ISO 9001, FSSC 22000 certification.

Regulations

Conjugated linoleic acid is approved for use as a dietary supplement ingredient in most countries. However, specific regulations on the product and its ingredients in the respective countries and for its intended use have to be observed. Tonalin® 60 WDP is derived from not genetically modified raw materials and is thus not subject to labeling under EU Regulations (EC) 1829/2003 and 1830/2003.

Stability, Storage and Handling

For food applications: stored in its unopened original packaging at refrigerated conditions (2 – 8 °C for maintaining the fresh taste in food and beverages), the product is stable for at least 18 months.

For dietary supplements: at max. 25 °C the product is stable for at least 18 months.

The product is sensitive to oxygen, moisture, light and heat. It should therefore be stored in the tightly sealed, lightproof packaging in a dry and cool place. Once opened, it is recommended to use the remaining contents as quickly as possible.

Applications

Dietary supplements:

Tonalin® 60 WDP is intended for use in dietary supplements selected applications are pH neutral instant powder mixes or nutrition bars. It is not recommended for use in tablets because it will not withstand the pressure applied during high-speed tableting.

Food:

Tonalin® 60 WDP is also intended for use in functional food with dairy products being the main category. It is almost neutral in taste and odor and is an ideal form for conjugated linoleic acid in food applications.

Notes

Tonalin® 60 WDP must be handled in accordance with the Material Safety Data Sheet.

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