

# Tonalin® SG 1000 C

## 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.

30535544

## Articles

50485699 6000 capsules in 6 kg carton box

## Country of origin

USA



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

## Description

Tonalin® SG 1000 C are size 20 oblong soft gelatin capsules with light brown odor shell and clear to slightly yellowish fill. They contain Tonalin® FFA 80, i.e. free fatty acids containing typically 80% conjugated linoleic acid. Tonalin® FFA 80 is derived from safflower oil and contains a 50:50 ratio of the active conjugated linoleic acid isomers (C18:2 c9 t11 and C18:2 t10, c12).

## Composition

Ingredients in descending order of weight:

Capsule fill: conjugated linoleic acid from safflower oil, tocopherol-rich extract (E 306).

Capsule shell: gelatin (bovine, USP, kosher), glycerin (E 422), purified water, caramel.

## Specification

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Assay

Average fill weight 900 – 1100 mg  
Tonalin® FFA 80

Average capsule weight 1328 – 1624 mg

CLA content of capsule fill 78 – 84%  
(rel. area-%)

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

## Standards

Contents produced under ISO 9001 and FSSC 22000 certification. Capsules produced under US FDA and dietary supplement GMP standards.

## 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.

## Stability, Storage and Handling

Stored in its unopened original packaging at ambient temperatures (between 7 – 23 °C), the product is stable for at least 36 months.

Precipitation may occur at temperatures below room temperature (<15 °C). This will not affect the quality or efficacy. Precipitation can be reverted by placing the capsules at ambient temperature.

## Applications

*Dietary supplements:*

Tonalin® SG 1000 C is intended for use in dietary supplements such as bottles or blister packs.

## Notes

Tonalin® SG 1000 C must be handled in accordance with the Material Safety Data Sheet.

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