

Product Bulletin

CLARINOL® G-80 is an oil mixture high in isomers of Conjugated Linoleic Acids (CLA) mainly in triglyceride form. The two main isomers, which are the two major isomers found in nature, are cis-9, trans-11 (c9,t11) and trans-10, cis-12 (t10,c12) CLA, present in a 50:50 ratio. CLARINOL G-80 is made from natural safflower oil by a gentle, proprietary process.



Applications

- ✓ Dairy products, e.g. (flavored) milk, yogurt and yogurt drinks
- ✓ Beverages
- ✓ Bakery products, e.g. bread, cake, cookies
- ✓ Dressings, spreads

Typical Properties

Appearance at 25°C	Light yellow liquid	Moisture, %	0.02
Free Fatty Acid (% as oleic)	1	CLA total, %	80
Peroxide Value, meq/kg	0.2	CLA isomers (c9,t11 + t10,c12), %	74.5



Nutrition Information (per 100 grams)

Calories from Fat, kcal	900	Protein, g	0
Total Fat, g	100	Total Carbohydrate, g	0
Saturated Fat, g	7	Cholesterol	0
Monounsaturated Fat, g	10.7	Sodium chloride, mg	0
Polyunsaturated Fat, g	81.5	Total CLA, g	80

Antioxidants

Mixed Natural Tocopherols, mg/g 3

Concentration of mixed natural tocopherols may decrease over time during storage, due to antioxidant activity.



Ingredients

Conjugated linoleoyl triglycerides, Antioxidant (mixed natural tocopherols)

Packaging

Clarinol G-80 is packaged under nitrogen and is available in available in 55-gallon steel drums (200 kg net).

Clearances

Clarinol G-80 is available as Kosher Certified.



Conjugated Linoleic Acid

Statements

Clarinol G-80 is

- ✓ Food Grade.
- ✓ Produced following the principles of Food Safety Standards.
- ✓ Fully traceable from finished products to raw materials and vice versa.
- ✓ Non-GMO (Genetically Modified Organism). Not based on genetically modified raw materials and does not need to be labeled under GM labeling rules.
- ✓ Allergens: None.
- ✓ Free from any irradiated or ionized components and has not been ionized or irradiated.
- ✓ Not subjected to risk from Bovine Spongiform Encephalopathy (BSE) and Transmissible Spongiform Encephalopathy (TSE).
- ✓ Not mentioned in the World Anti-Doping Agency (WADA) prohibited substances list and is free from prohibited substances mentioned in the WADA list as of the publication date of this document.

Storage & Handling

Clarinol G-80 is stable for at least 36 months from date of production, if stored dry in the unopened original packaging (under nitrogen). It is recommended that Clarinol G-80 be stored at temperatures of 10-20°C (50-68°F), away from strong odors and not in direct sunlight. Avoid overheating. If containers are opened they should be flushed thoroughly with nitrogen before resealing. Before use, it may be necessary to carefully warm product at temperatures not to exceed 30°C under a controlled, inert atmosphere with careful mixing until clear (homogeneous).

Normal safety precautions should be employed when handling Clarinol G-80.

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