

**Vitaslim® 80 FFA Non GMO**  
*(Conjugated Linolenic Acid)*
**Names:**

Conjugated Linoleic Acid (CLA)

**Description:**

Vitaslim® 80 FFA is a slightly yellow liquid oil, made from natural safflower oil.

Vitaslim® 80 FFA contains approximately 80% of Conjugated Linoleic Acid of free fatty acids, the two main isomers present are C18:2 c9, t11 and C18:2 t10, c12 in a 50:50 ratio of active conjugated linoleic acid isomers.

**Molecular weight Conjugated Linoleic Acid (CLA):** 280.44

**Appearance:** Clear, slightly yellow liquid oil at room temperature.

**Specific gravity 25°C:** 0.93 – 0.95 g/cm<sup>3</sup>

<b>Typical composition %</b>	Conjugated linoleic acid (CLA) C18:2 total:	78-82
	c9,t11 + t10,c12 isomers	
	Palmitic acid C16:0	9 max
	Stearic acid C18:0	4 max
	Oleic acid C18:1 c9	10-20
	Linoleic acid C18:2 c9, c12	3 max
	Antioxidants: mixed tocopherols derived from soya IP	0.1%

**Acidity:** 99 % as oleic acid

**Peroxide value (meq /Kg):** max 1

**Heavy metals:** <10 mg/Kg

<b>Microbiological tests (cfu/g):</b> <b>(EP, RD 3177/83)</b>	<i>E. Coli:</i>	None/g
	<i>Salmonella:</i>	None/10 g
	<i>Lysteria Monocytogenes:</i>	None/10 g
	<i>Shigella:</i>	None/10 g
	<i>Clostridium Perfringens:</i>	None/g
	<i>Staphylococcus Aureus:</i>	None/g
	<i>Enterobacteriaceae:</i>	max 100/g
	<i>Total Aerobic Count:</i>	max 1000/g
	<i>Yeast &amp; Moulds:</i>	max 100/g

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<b>Colour (Gardner units):</b>	Max. 5	
<b>Benzo (a) pyrene:</b>	< 2 ppb	(as per EC regulation 208/2005 published on February 4, 2005.)

**Solubility:**

Insoluble in water. Soluble in ethanol, animal fats and vegetable oils, essential and mineral oils, miscible with organic solvents.

**Stability:**

Unstable to light, heat, alkali and oxidizing conditions.

**Storage:**

Nitrogen blanketing and protection from light, heat and alkaline environment are recommended. Store tightly closed.

**Shelf Life:**

24 months from packaging date (unopened).

**Packaging:**

20 and 190 kg containers are supplied for this product.

**Uses:**

“Vitaslim® 80 FFA” is widely used in nutrition as dietary supplement in soft gelatine.

**Other information:**

All orders and samples requested will be sent together with an Analysis Certificate. Material Safety data Sheet is available upon request.

Contact us through our fax: +34 925 851021; tel: +34 925 851013; e-mail: [quality@vitaenaturals.com](mailto:quality@vitaenaturals.com) or through our web-site at: [www.vitaenaturals.com](http://www.vitaenaturals.com) and your request will be attended by our local representative.

***All information contained here is intended to be accurate. Anyway, this document is provided for your guidance only. We recommend testing the product for your particular purpose, prior to be used in the industrial process.***