



Watermelon Seed Oil

INCI: Citrullus vulgaris (Watermelon) Seed Oil
CAS No: 90244-99-8 EINECS No: 290-802-9

Specifications

Description: The seeds are cold pressed, the oil is then filtered and fully refined.

Analytical Details

Range

Appearance:	Pale to golden yellow liquid
Odor:	Characteristic
Free Fatty Acids (as Oleic):	< 5.0
Refractive Index, 20°C:	1.470-1.480
Peroxide Value, meq/kg:	≤ 5.0
Iodine Value (Calc):	118-128
Saponification Value:	188-195

Fatty Acids Profile

(% of total fatty acids)

C16:0 Palmitic:	8.0-13.0
C16:1 Palmitoleic:	< 1.0
C18:0 Stearic:	8.0-12.0
C18:1 Oleic:	15.0-30.0
C18:2 Linoleic:	55.0-65.0
C18:3 Alpha Linolenic:	< 1.0
C20:0 Arachidic:	< 1.0
C20:1 Eicosenoic:	< 1.0
C22:0 Behenic:	< 1.0
C22:6 Docosahexaenoic:	< 2.0
Minor Components:	< 1.0

Shelf Life:

2 years if stored properly in sealed drum in a cool, dry area, away from excessive heat or light.

Date: 02/24/09

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