



# Flaxseed Oil

## Technical Data Sheet

Chemistry Connection  
253 Sturgis Rd  
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### Product Overview:

Flaxseed Oil is extracted from flax seeds by cold pressing without the use of solvents. It has the highest concentration of alpha linoleic acid, and Omega-3 essential fatty acid, found in plants.

### **Ingredient Breakdown:**

Flaxseed Oil 100%

### Product Specifications:

Flavor/ Odor <i>sensory</i>	Characteristic
Color, Lovibond <i>Cc13b-45</i>	10.0R (max)
Free Fatty Acid, % as Oleic <i>Ca 5a-40</i>	2.5 (max)
Iodine Value, WIJS <i>Cd 1-25</i>	170 (min)
Peroxide Value, mEq/kg <i>Cd 8b-90</i>	4.0 (max)

### Typical Properties:

SAP Value	
mg KOH/g	191
mg NaOH/g	136
Smoke Point	225 °F (min)
Flash Point (Closed Cup)	248 F (min)
Viscosity @ 40°C	39.0 cSt
Specific Gravity @ 20°C	0.925 - 0.935
Moisture	<500ppm

### **Fatty Acid Composition**

16:0 Palmitic	5.0
18:0 Stearic	4.0
18:1 Oleic	20.0
18:2 Linoleic	17.0
18:2 Trans	0.5
18:3 Linolenic	53.0