



CO₂ Oat Oil

INCI: Avena sativa Extract

SCFE Oat oil is a clear, light yellow solvent-free oil with a mild, natural aroma that is extracted from a proprietary species of Avena sativa. It is rich in phospholipids, glycolipids and unsaturated fatty acids, and free of trans fatty acids. The oil has a stabilizing property when added to oils and emulsions and has an excellent shelf life due to the naturally occurring antioxidants unique to oats. Crude oat oil contains a very high level of natural antioxidants.

Benefits in Skin Care:

- Powerful emollient (smoothes and softens skin)
- Strong skin hydrating and moisturizing properties
- Deep antioxidant activity

Specifications

Analytical Details

Color:

Odor:

Extraction:

Moisture:

Peroxide Value:

Brookfield Viscosity:

Density @ 20°C:

Viscosity:

Refractive Index @ 20°C:

Turbidity:

Free Fatty Acids (as Oleic):

Unsaponifiable Matter:

Iodine Value:

Tocopherol Level:

Specifications

Clear yellow to brown

Natural, oat

Supercritical CO₂

< 0.1%

< 5 meq O₂/kg

104 (approx)

0.92 g/cm³

61.00

1.47

1.0 NTU

4.9%

0.64%

106

> 200

Fatty Acid Composition

C14:0	0.2
C16:0	14.1
C16:1	0.2
C18:0	1.1
C18:1	44.5
C18:2	35.6
C18:3	0.9
C20:0	0.2
C20:1	0.7
C22:0	0.1
C22:1	0.1
C24:0	0.1



NATURAL SOURCING™

Specialists in Cosmeceutical Ingredients

Microbiology

Total Plate Count:	< 10 cfu/g
Yeasts & Molds:	< 10 cfu/g
E Coli:	ND
Salmonella:	ND
P. auriginosa:	ND
S. aurens:	ND

Date: 07/13/08

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