



Organic (NOP) Lemon Essential Oil Cold Pressed

Botanical Name: Citrus limon (L)
CAS No: 8008-56-8 FEMA No: 2625

Specifications

Description: Pale to deep yellow or greenish yellow liquid with the characteristic aroma of fresh lemon peel.

Analytical Details

Specifications

Assay:	D'Limonene 63-69%, Beta Pinene 10-14%, Gamma Terpinene 7-9%, Total Citral by GC 1.9-2.5%
Aldehyde Content:	2.6% to 4.0% total Aldehyde calculated as Citral
Optical Rotation:	+57 to +65.6
Refractive Index @ 20°C:	1.4730 to 1.4760
Specific Gravity @ 20°C:	0.8520 to 0.8580
Specific Gravity @ 25°C:	0.8490 to 0.8550
Flash Point (Closed Cup):	115°F 46°C
Solubility:	Insoluble in water and propylene glycol. Miscible in glacial acetic acid. Soluble in alcohol 1 ml in 3 ml 95% alcohol with a slight haze.
Country of Origin:	South America
Storage Recommendations:	Store in tight glass, aluminum or double lined containers in a cool area, away from direct heat.
Shelf Life:	12 months or longer if stored properly

Date: 06/13/08

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