

Certificate of Analysis

Product: Lemon Oil (Mexico) - 100% Organic ACO/USDA
Botanical Name: *Citrus limonum*
Origin: Mexico
Plant part used: Fruit peel
Extraction method: Cold Pressed

Physical data	<u>Specification²</u>	<u>Result</u>
Appearance:	Clear to slight hazy free flowing liquid*	Complies
Colour:	Pale yellow to deep olive green	Complies
Odour:	Characteristic lemon citrus	Complies
Specific Gravity @ 20°C:	0.840 to 0.870	0.852
Refractive Index @ 20°C:	1.4600 to 1.4900	1.4746
Optical Rotation:	+55.00 ⁰ to +90.00 ⁰	+74.74 ⁰

Chromatographic Profile

Sample	Component	Specification² Peak Area¹ (%)	Result Peak Area¹ (%)
<i>Citrus limonum</i>	a-Pinene	Trace to 5	1.16
	b-Pinene	2 to 18	5.30
	b-Myrcene	Trace to 5	1.58
	d-Limonene	65 to 85	78.88
	g-Terpinene	2 to 18	6.33