



NHR ORGANIC OILS
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Certificate of Analysis & Gas Chromatography **Organic Lemon Essential Oil - Low furocoumarin** *(Citrus Limon)*

GENERAL PROPERTIES

Batch number	260526-3
INCI	Citrus Limon Peel Oil
Country of origin	Argentina
Manufacturing method	By water-steam distillation of essential oil
Organic certification	ORGANIC PRODUCT
Used part	Fruit

ORGANOLEPTIC PROPERTIES

	Norm	Result	Conformity
Appearance	Limpid liquid	Limpid liquid	CONFORM
Color	Colorless	Colorless	CONFORM
Odor	Characteristic of the pericarpe of the lemon	Characteristic of the pericarpe of the lemon	CONFORM

TECHNICAL DATA

	Norm	Result	Conformity
Relative density (d ₂₀ /20) at 20°C - Internal metho	[0.845 ; 0.854]	0.849	CONFORM
Refractive index at 20°C - ISO 280	[1.472 ; 1.476]	1.473	CONFORM
Angular rotation at 20°C in ° - ISO 592	[+57.0 ; +75.0]	+69.3	CONFORM

MAIN CONSTITUENTS IN %

	Norm	Result	Conformity
alpha-Pinène	[1.4 ; 2.4]	1.7	CONFORM
Sabinène	[1.0 ; 2.5]	1.6	CONFORM
beta-Pinène	[6.5 ; 16.0]	9.2	CONFORM
Myrcène	[1.0 ; 2.5]	1.6	CONFORM
para-Cymène	[0.05 ; 0.7]	0.6	CONFORM
Limonène	[60.0 ; 77.5]	72.1	CONFORM
gamma-Terpinène	[6.0 ; 10.0]	7.4	CONFORM
Linalol	[0.0 ; 0.5]	0.1	CONFORM
alpha-Terpinéol	[0.0 ; 0.4]	0.1	CONFORM
Néral	[0.2 ; 1.0]	0.5	CONFORM
Géraniol	[0.0 ; 0.2]	0.0	CONFORM
Géranial	[0.5 ; 1.5]	0.8	CONFORM
Acétate de néryle	[0.1 ; 0.6]	0.5	CONFORM
Acétate de géranyle	[0.0 ; 0.3]	0.2	CONFORM
beta-Bisabolène	[0.1 ; 0.9]	0.6	CONFORM
Methyl eugénol	< 10 ppm	< 10 ppm	CONFORM
Methylchavicol	< 10 ppm	< 10 ppm	CONFORM
Safrol	< 10 ppm	< 10 ppm	CONFORM
Furocoumarines	< 50 ppm	< 50 ppm	CONFORM