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

Batch number: 101125-3

Origin: Italy

TECHNICAL INFORMATION			
Appearance	Liquid		
Color	From light yellow to yellow		
Odour	Citrus, lemon		
	Value	**Minimum**	**Maximum**
Specific gravity 20/20 (ISO 279)	0,854	0,840	0,870
Refractive index 20°C (ISO 280)	1,475	1,465	1,480
Optical rotation 20°C (ISO 592)	65,4	52,0	85,0

Storage condition Full containers in a cool and dry place protected from heat and light.
Packages Our packages are food grade and suitable only for transport of hazardous material.

GC ANALYSIS

Chromatographic profile (area % by GC according to ISO 11024)

	Chemical component	Value (%)	Minimum (%)	Maximum (%)
1	alpha pinene	1,8	1,0	3,0
2	beta pinene	10,4	8,0	16,5
3	limonene	69,6	60,0	72,0
4	gamma terpinene	8,6	7,0	14,0
5	citral	2,0	1,0	4,0

GENERAL REGULATORY NOTES

With reference to the a/m product we hereby state that:

- is suitable for vegans (no animal products nor animal derived products, including dairy, eggs, leather, bees' products – beeswax and honey are used nor present in our factory)
- does not contain Genetically Modified Organisms (GMO) nor derivative ingredients therefore it is exempt from the requirements of the European Regulations (EC) nº 1829/2003 & nº 1830/2003 and all its amendments
- NO additives (preservatives/stabilizers/antioxidant) PRESENT
- doesn't contain any kind of substances listed in the annex III EC Reg 1334/2008
- doesn't contain any kind of substances listed in the annex II EC Reg 1223/2009
- Is not listed as CMR (Carcinogenic, Mutagenic or toxic for Reproduction) substances category 1A, 1B or 2, as listed in table 3.1 9 List of harmonized classification and labelling of hazardous substances) of the Regulation on Classification Labelling & packaging (regulation (EC)1272/2008)
- is not treated with ionization radiation
- is in compliance with the regulation n°396/2005 and subsequent amendments
- is in compliance with the regulation n°2023/915 and subsequent amendments
- does not contain nanomaterials
- is not produced by animal testing according to Art.18 of Regulation (EC) No.2009/1223 of the European Parliament and Council
- doesn't contain any FOOD Allergen (Reg (EU) No 1169/2011 – ANNEX II)
- are not manufactured from specified risk materials from bovine, ovine and caprine animal species as defined in the commission's decision 2000/418/EEC.

Signature

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