

CERTIFICATE OF ANALYSIS

ESENCIA LIMÓN EP (ORAL) 100910

METAPHARMACEUTICAL INDUSTRIAL S.L.

CL JOSEP PL? 163 2§ - 51
ES - 8020.0 BARCELONA

Customer order no.: 2021-1/103

Manufactured batch 5724067

Sensient order no.: 21003636 SO

Item No.: 002932

Batch: 5723319

Manufacturing date: 2021-03-18

Best before date: 2023-03-08

Date format: YYYY-MM-DD

Analysis	Specification	Result	Unit	Method
alpha-Terpineol	0 - 0.6	0.2	%	GC-FID
beta-Caryophyllene	0 - 0.5	0.2	%	GC-FID
beta-Pinene	7 - 17	11.7	%	GC-FID
gamma-Terpinene	6 - 12	9	%	GC-FID
D-Limonene	56 - 78	66.8	%	GC-FID
Geranial	0.5 - 2.3	1.1	%	GC-FID
Geranyl Acetate	0.1 - 0.8	0.4	%	GC-FID
Neral	0.3 - 1.5	0.6	%	GC-FID
Neryl Acetate	0.2 - 0.9	0.1	%	GC-FID
Sabinene	1 - 3	1.9	%	GC-FID
Fatty Oils & Resinified Essential Oil	Ph. Eur. According	Ph. Eur. According		Ph. Eur. 2.8.7
Chromatographic Profile	Ph. Eur. According	Ph. Eur. According		Ph. Eur.
Relative density @ 20°C	0.8500 - 0.8580	0.8532		DMA
Residue on Evaporation	1.80 - 3.60	1.80	%	Ph. Eur. 2.8.9
Appearance	Mobile Liquid	Mobile Liquid		Visual
Optical rotation @ 20°C	57.0 - 70.0	63.1	°	AA-10R
Refractive Index @ 20°C	1.4730 - 1.4760	1.4745		GPR
Solubility Ethanol 96% 20°C	Soluble	Soluble		Ph. Eur.

Sensient Technologies Europe GmbH

Geesthacht, 2021-04-12 i.A. Markus Mint

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Sensient Technologies Europe GmbH

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Leroy C. Watson