

CERTIFICATE OF ANALYSIS

Organic Essential Oil of Lemon from Italy
100% pure and natural

Botanical name : *Citrus limon (L.) Osbeck*
Commercial name : Organic Lemon
Batch number : **2300776**
Geographical origin : Italy
Production date : December 2023

Physical and chemical data :

	Standards	Results of analysis
Appearance	Fluid liquid	Conform
Colour	Light yellow to greenish	Conform
Odour	Fresh, powerful	Conform
Specific gravity at 20°C	0.840 to 0.860	0.8526
Refractive index at 20°C	1.465 to 1.490	1.4742
Optical rotation at 20°C	+55° to +75°	+63.10°
Flash point	+45°C to +59°C	

Table of components (1) :

Components	Contents
Alpha-thuyene	0.38%
Alpha-pinene	1.98%
Camphene + Alpha-fenchene	0.06%
Sabinene	1.83%
Beta-pinene	12.16%
Myrcene	1.53%
Octanal	0.07%
Phellandrene	0.04%
Delta-3-carene	0.02%
Alpha-terpinene + Cineole-1,4	0.17%
Para-cymene	0.41%
Limonene	66.10%
Z-beta-ocimene	0.05%
E-beta-ocimene	0.10%
Gamma-terpinene	9.11%
Sabinene Cis-Hydrate	0.02%
Terpinolene	0.32%
Linalool	0.09%
Nonanal	0.06%
Citronellal	0.07%
Terpinene-4-ol	0.12%

CERTIFICATE OF ANALYSIS

Organic Essential Oil of Lemon from Italy
100% pure and natural

Botanical name : *Citrus limon (L.) Osbeck*
 Commercial name : Organic Lemon
 Batch number : **2300776**
 Geographical origin : Italy
 Production date : December 2023

Table of components (2) :

Components	Contents
Alpha-terpineol	0.11%
Decanal	0.03%
Nerol + Citronellol	0.03%
Neral	0.93%
Geraniol	0.02%
Geranial	1.54%
Perillaldehyde	0.02%
Undecanal	0.04%
Nonyl Acetate	0.07%
Methyl Geranoate	0.02%
Citronellyl Acetate	0.04%
Neryl Acetate	0.39%
Dodecanal	0.04%
Geranyl Acetate	0.31%
Decyl Acetate	0.02%
Beta-caryophyllene	0.16%
Bergamottene	0.28%
Cis-trans-farnesene	0.01%
Santalene	0.04%
Gamma-muurolene	0.01%
Germacrene D	0.02%
Bicyclogermacrene	0.02%
Alpha-bisabolene	0.08%
Beta-bisabolene	0.37%
Campherenol	0.02%
Bisabolol	0.02%
Nootkatone	0.04%
TOTAL	99.37%