



GC-MS Analysis					
Product Name		Lemon Es.Oil			
Product Type		Essential oil			
Label name		GREEK LEMON ORGANIC ESSENTIAL OIL			
Botanical Name		<i>Citrus x limon</i>			
Batch N°		LE2023001B			
Density at 20°C (g/cm³)		0.852			
Refractive Index		1.480±0.0003			
Optical rotation at 20°C		+60°			
Cultivation		Organic			
Production Date		June 2022			
Shelf Life		3 years			
Origin		Greece			
Production		Cold pressed			
Plant Part		Peels			
Time	Compounds	CAS N°	%	Chemical Family	IFRA 49th Restriction
12.39	Alpha-pinene	80-56-8	3.54	Monoterpene	
13.90	Beta-pinene	127-91-3	10.10	Monoterpene	
14.53	Myrcene	123-35-3	1.63	Monoterpene	
16.95	Sabinene	3387-41-5	1.45	Monoterpene	
23.01	Limonene	5989-27-5	70.56	Monoterpene	Cosmetic Allergen
26.1	Gamma-terpinene	99-85-4	9.10	Sesquiterpene	

Farmakeika, Neo Risio, Thessaloniki, Greece
 Tel: +302310463719
 Email: info@vessel.gr



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essential oils

26.42	p-cymene	99-87-6	0.30	Monoterpene	
29.48	Neral	106-26-3	0.90	Aldehyde	Cosmetic Allergen
32.60	Alpha-terpineol	98-55-5	0.68	Monoterpenic Alcohol	
38.90	Geranial	141-27-5	1.01	Aldehyde	Cosmetic Allergen
42.89	Geranyl acetate	105-87-3	0.31	Aldehyde	
Total			99.58		

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