



GC-MS Analysis					
<b>Product Name</b>		<b>Lemon Es.Oil</b>			
<b>Product Type</b>		<b>Essential oil</b>			
<b>Label name</b>		<b>GREEK LEMON ORGANIC ESSENTIAL OIL</b>			
<b>Botanical Name</b>		<b><i>Citrus x limon</i></b>			
<b>Batch N°</b>		<b>LE2021001B</b>			
<b>Density at 20°C (g/cm<sup>3</sup>)</b>		<b>0.8535</b>			
<b>Refractive Index</b>		<b>1.4746±0.0003</b>			
<b>Optical rotation at 20°C</b>		<b>+63°</b>			
<b>Cultivation</b>		<b>Organic</b>			
<b>Production Date</b>		<b>October 2020</b>			
<b>Shelf Life</b>		<b>3 years</b>			
<b>Origin</b>		<b>Greece</b>			
<b>Production</b>		<b>Cold pressed</b>			
<b>Plant Part</b>		<b>Peels</b>			
Time	Compounds	CAS N°	%	Chemical Family	IFRA 49th Restriction
12.39	Alpha-pinene	80-56-8	1.98	Monoterpene	
13.90	Beta-pinene	127-91-3	14.08	Monoterpene	
14.53	Myrcene	123-35-3	1.25	Monoterpene	
16.95	Sabinene	3387-41-5	1.71	Monoterpene	
23.01	Limonene	138-86-3	64.96	Monoterpene	Cosmetic Allergen
26.1	Gamma-terpinene	99-85-4	9.02	Sesquiterpene	

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**vessel**  
essential oils

26.42	p-cymene	99-87-6	0.33	Monoterpene
29.48	Neral	5392-40-5	0.94	Aldehyde
32.60	Alpha-terpineol	98-55-5	0.13	Monoterpenic Alcohol
34.90	Neryl acetate	141-12-8	0.31	Ester
35.68	Beta-bisabolene	495-61-4	0.47	Sesquiterpene
38.90	Geranial	141-27-5	1.53	Aldehyde
42.89	Geranyl acetate	105-87-3	0.33	Aldehyde
Total			97.04	

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