



GC-MS Analysis					
<b>Product Name</b>		<b>Sweet orange Es.Oil</b>			
<b>Product Type</b>		<b>Essential oil</b>			
<b>Label name</b>		<b>GREEK SWEET ORANGE ORGANIC ESSENTIAL OIL</b>			
<b>Botanical Name</b>		<b><i>Citrus x sinensis</i></b>			
<b>Batch N°</b>		<b>OR2021001B</b>			
<b>Density at 20°C (g/cm<sup>3</sup>)</b>		<b>0.847</b>			
<b>Refractive Index</b>		<b>1.473</b>			
<b>Optical rotation at 20°C</b>		<b>+97.8°</b>			
<b>Cultivation</b>		<b>Organic</b>			
<b>Production Date</b>		<b>September 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
12.36	Alpha-pinene	80-56-8	0.54	Monoterpene	
14.87	Beta-pinene	127-91-3	0.04	Monoterpene	
18.65	Sabinene	3387-41-5	0.30	Monoterpene	
19.36	Beta-Myrcene	123-35-3	1.93	Monoterpene	
25.55	Limonene	138-86-3	95.13	Monoterpene	Cosmetic Allergen
26.1	Octanal	124-13-0	0.22	Aldehyde	
26.53	Nonanal	124-19-6	0.02	Aldehyde	

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**vessel**  
essential oils

27.89	Decanal	112-31-2	0.17	Aldehyde
32.73	Linalool	78-70-6	0.44	Monoterpenic alcohol Cosmetic Allergen
33.40	Neral	5392-40-5	0.05	Aldehyde
34.80	Valencene	4630-07-3	0.04	Monoterpene
35.50	Geranial	141-27-5	0.09	Aldehyde
56.5	Beta-sinensal	60066-88-8	0.01	Aldehyde
Total			98.98	

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