



GC-MS Analysis					
<b>Product Name</b>		<b>Mastic Es.Oil</b>			
<b>Product Type</b>		<b>Essential oil</b>			
<b>Botanical Name</b>		<b><i>Pistacia lentiscus</i></b>			
<b>Batch N°</b>		<b>MC2023001B</b>			
<b>Label name</b>		<b>GREEK MASTIC ESSENTIAL OIL</b>			
<b>Density at 20°C</b>		<b>0.890</b>			
<b>Refractive Index</b>		<b>1.460</b>			
<b>Optical rotation</b>		<b>+23°</b>			
<b>Cultivation</b>		<b>Conventional</b>			
<b>Production Date</b>		<b>August 2022</b>			
<b>Shelf Life</b>		<b>5 years</b>			
<b>Origin</b>		<b>Greece</b>			
<b>Production</b>		<b>Steam Distillation</b>			
<b>Plant Part</b>		<b>Branches, leaves and seeds</b>			
Time	Compounds	CAS N°	%	Chemical Family	IFRA 49th Restriction
13.97	Alpha-Pinene	80-56-8	28.09	Monoterpene	
14.91	Alpha-Thujene	2867-05-2	1.00	Monoterpene	
15.26	Camphene	79-92-5	1.76	Monoterpene	
16.38	Beta-Pinene	127-91-3	6.40	Monoterpene	
19.65	Sabinene	3387-41-5	1.81	Monoterpene	
22.8	Beta-Myrcene	123-35-3	2.85	Monoterpene	
23.06	Alpha-phellandrene	99-83-2	2.87	Sesquiterpene	
23.42	Alpha-	99-86-5	2.80	Monoterpene	

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vessel  
essential oils

	Terpinene				
25.63	Limonene	5989-27-5	17.87	Monoterpene	Cosmetic Allergen
26.15	Beta-phellandrene	87-44-5	5.29	Sesquiterpene	
26.96	Gamma-Terpinene	99-85-4	4.46	Monoterpene	
30.57	Para-Cymene	99-87-6	1.54	Monoterpene	
46.38	Terpinolene	586-62-9	1.76		
48.32	Terpinen-4-ol	562-74-3	2.42	Monoterpenic alcohol	
52.36	Beta-caryophyllene	87-44-5	1.64	Sesquiterpene	
56.81	Alpha-humulene	6753-98-6	1.67	Sesquiterpene	
59.13	Germacrene D	28387-44-2	2.06	Sesquiterpene	
62.86	D-Cadinene	483-76-1	1.76	Sesquiterpene	
63.57	Cubenol	21284-22-0	0.35	Sesquiterpenoid	
64.90	T-Cadinol	5937-11-1	0.33	Sesquiterpenoid	
68.02	Alpha-Muurolol	19435-97-3	0.39	Sesquiterpenoid	
71.35	Alpha-Cadinol	481-34-5	0.55	Sesquiterpenoid	
72.91	Benzyl benzoate	120-51-4	0.03	Ester	Cosmetic Allergen
Total			89.70		

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