

GC – MS Analysis					
Product Name			Mastic Es.Oil		
Product Type			Essential oil		
Botanical Name			<i>Pistacia lentiscus</i>		
Batch No			MC2023001B		
Label name			GREEK MASTIC ESSENTIAL OIL		
Density at 20°C			0.890		
Refractive Index			1.460		
Optical rotation			+23°		
Cultivation			Conventional		
Production Date			August 2022		
Shelf Life			5 years		
Origin			Greece		
Production			Steam Distillation		
Plant Part			Branches, leaves and seeds		
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-Terpinene	99-86-5	2.80	Monoterpene	
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		