



vessel
essential oils

GC-MS Analysis					
Product Name		Cistus Es.Oil			
Product Type		Essential oil			
Botanical Name		<i>Cistus ladanifer</i>			
Batch N°		CI2023001B			
Label name		GREEK CISTUS ORGANIC ESSENTIAL OIL			
Density at 20°C (g/cm³)		0.900			
Refractive Index		1.479			
Optical rotation at 20°C		-13.80°			
Production Date		July 2022			
Shelf Life		5 years			
Origin		Greece			
Cultivation		Certified organic			
Production		Steam Distillation			
Plant Part		Leaves			
Time	Compounds	CAS N°	%	Chemical Family	IFRA 49th Restriction
15.03	Alpha-Pinene	80-56-8	38.94	Monoterpene	
15.94	Camphene	79-92-5	4.14	Monoterpene	
16.04	Para-cymene	99-87-6	3.13	Monoterpene	
16.31	Bornyl Acetate	76-49-3	3.21	Monoterpenic Ester	
16.38	Trans-Pinocarveol	1674-08-4	3.15	Monoterpenic Alcohol	
17.55	Globulol	489-41-8	2.29	Phenol	

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18.22	Trimethylcyclohexanone	873-94-9	2.24	Ketone	
19.43	Dehydroparacymene	1195-32-0	1.71	Monoterpene	
21.54	Limonene	5989-27-5	1.55	Monoterpene	Cosmetic Allergen
22.32	Gamma-terpinene	99-85-4	1.41	Monoterpene	
23.09	Isopinocampnone	18358-53-7	1.38	Sesquiterpene	
24.76	Verbenene	4080-46-0	1.20	Sesquiterpene	
24.98	1,8-Cineole	470-82-6	1.24	Monoterpenic Ether	
25.88	Terpinen-4-ol	20126-76-5	1.16	Monoterpenic Alcohol	
26.12	Borneol	507-70-0	1.04	Monoterpenic Alcohol	
28.01	Pinocarvone	30460-92-5	0.68	Monoterpenic ketone	
37.22	Acetophenone	98-86-2	0.49	Monoterpenic ketone	
38.90	Beta-pinene	127-91-3	0.47	Monoterpene	
40.62	Ledene	21747-46-6	0.45	Monoterpene	
44.85	Viridiflorol	552-02-3	0.38	Alcohol	
45.09	Myrcene	123-35-3	0.33	Monoterpene	
47.81	Alpha-terpineol	98-55-5	0.31	Monoterpenic Alcohol	
49.44	Linalool	78-70-6	0.27	Monoterpenic Alcohol	Cosmetic Allergen

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50.91	Beta-caryophyllene	87-44-5	0.19	Sesquiterpene	
53.03	Geraniol	106-24-1	0.16	Monoterpenic Phenol	
54.00	Citronellol	106-22-9	0.09	Monoterpenic Phenol	Cosmetic Allergen
55.72	Carvacrol	499-75-2	0.08	Monoterpenic Phenol	
56.94	Eugenol	97-53-0	0.05	Monoterpenic Phenol	Cosmetic Allergen
Total			71.74		

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