



GC-MS Analysis

Product Name	Helicrysum Es.Oil				
Product Type	Essential oil				
Botanical Name	<i>Helichrysum italicum</i>				
Batch N°	H2021003B				
Label name	GREEK HELICHRYSUM ORGANIC ESSENTIAL OIL				
Density at 20°C(g/cm³)	0.900				
Refractive Index	1.475				
Optical rotation	-2.70°				
Cultivation	Organic Certified				
Production Date	July 2020				
Shelf Life	5 years				
Origin	Greece				
Production	Steam Distillation				
Plant Part	Flowering tops				
Time	Compounds	CAS N°	%	Chemical Family	IFRA 49th Restriction
13.75	Alpha-Pinene	80-56-8	23.6	Monoterpene	
19.13	Beta-Pinene	127-91-3	0.56	Monoterpene	
25.57	Limonene	138-86-3	2.40	Monoterpene	Cosmetic Allergen
26.53	1,8-Cineole	470-82-6	0.47	Monoterpenic ether	
29.01	Gamma-Terpinene	99-85-4	0.57	Monoterpene	
39.74	Isoamyl Angelate	10482-55-0	0.56	Aliphatic ester	
47.58	Isoitalicene	94482-89-0	1.31	Sesquiterpene	

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essential oils

50.09	Linalool	78-70-6	0.80	Monoterpenic alcohol	Cosmetic Allergen
50.67	Italicene	94535-52-1	2.57	Sesquiterpene	
52.03	Cis-Alpha-Bergamotene	18252-46-5	1.39	Sesquiterpene	
53.11	Trans-Alpha Bergamotene	13474-59-4	1.24	Sesquiterpene	
54.27	Trans-Beta Caryophyllene	87-44-5	5.60	Sesquiterpene	
59.15	7-Epi-Alpha-Selinene	123123-37-5	1.74	Monoterpenic ester	
59.85	Gamma-Curcumene	28976-68-3	19.29	Sesquiterpene	
60.07	Beta-selinene	17066-67-0	6.24	Sesquiterpene	
61.76	Neryl Acetate	141-12-8	5.57	Monoterpenic ester	
62.34	Alpha-Selinene	473-13-2	3.91	Sesquiterpene	
64.75	Ar-Curcumene	644-30-4	2.47	Sesquiterpene	
71.43	Italidione (I+II+III)	13851-06-4	7.38	Aliphatic Ketone	
Total			87.13		

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