



GC-MS Analysis

Product Name	Helicrysum Es.Oil				
Product Type	Essential oil				
Botanical Name	<i>Helichrysum italicum</i>				
Batch N°	H2023008B				
Label name	GREEK HELICHRYSUM ORGANIC ESSENTIAL OIL				
Density at 20°C(g/cm³)	0.880				
Refractive Index	1.475				
Optical rotation	-2.40°				
Cultivation	Organic Certified				
Production Date	July 2022				
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	14.94	Monoterpene	
25.57	Limonene	5989-27-5	3.29	Monoterpene	Cosmetic Allergen
29.01	Nerol	106-25-2	1.41	Monoterpene	
47.22	Alpha-Copaene	3856-25-5	1.13	Sesquiterpene	
47.58	Isoitalicene	94482-89-0	0.70	Sesquiterpene	
50.09	Linalool	78-70-6	1.79	Monoterpenic alcohol	Cosmetic Allergen
50.67	Italicene	94535-52-1	3.25	Sesquiterpene	

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essential oils

52.03	Cis-Alpha-Bergamotene	18252-46-5	1.01	Sesquiterpene
53.11	Trans-Alpha Bergamotene	13474-59-4	0.72	Sesquiterpene
54.27	Trans-Beta Caryophyllene	87-44-5	3.67	Sesquiterpene
59.85	Gamma-Curcumene	28976-68-3	14.94	Sesquiterpene
60.07	Beta-selinene	17066-67-0	5.09	Sesquiterpene
61.76	Neryl Acetate	141-12-8	14.14	Monoterpenic ester
62.34	Alpha-Selinene	473-13-2	3.49	Sesquiterpene
64.75	Ar-Curcumene	644-30-4	3.30	Sesquiterpene
65.33	Neryl Propionate	105-91-9	2.37	Monoterpenic ester
71.43	Italidione (I+II+III)	13851-06-4	3.93	Aliphatic Ketone
Total			79.17	

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