



vessel
essential oils

GC-MS Analysis					
Product Name		Wild Carrot Es.Oil			
Product Type		Essential oil			
Botanical Name		<i>Daucus carota, L.</i>			
Batch N°		WC2023001B			
Label name		GREEK WILD CARROT ESSENTIAL OIL			
Refractive Index at 20 °C		1.486			
Specific gravity (g/mL) at 20 °C		0.923			
Optical rotation (°)		+9.88°			
Cultivation		Wild			
Production Date		August 2022			
Shelf Life		5 years			
Origin		Greece			
Production		Steam Distillation			
Plant Part		Dried Seeds			
Time	Compounds	CAS N°	%	Chemical Family	IFRA 49th Restriction
13.69	Alpha-Pinene	80-56-8	11.60	Monoterpene	
13.86	Alpha-Thujene	2867-05-2	0.06	Monoterpene	
16.3	Camphene	79-92-5	0.03	Monoterpene	
19.02	Beta-Pinene	127-91-3	3.72	Monoterpene	
19.99	Sabinene	3387-41-5	6.22	Monoterpene	
22.79	Beta-Myrcene	123-35-3	1.05	Monoterpene	

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25.42	Limonene	5989-27-5	1.70	Monoterpene	Cosmetic Allergen
28.87	Gamma-Terpinene	99-85-4	0.02	Monoterpene	
29.14	Geraniol	106-24-1	1.78	Sesquiterpenic alcohol	
54.07	Trans-Beta Caryophyllene	87-44-5	6.43	Sesquiterpene	
57.68	Trans-Beta Farnesene	18794-84-8	0.42	Sesquiterpene	
60.01	Dauca-5,8-diene	142878-08-8	0.29	Sesquiterpene	
61.14	Trans-Methyl isoeugenol	6379-72-2	0.17	Sesquiterpene	
61.78	Isodaucene	142878-08-8	0.29	Sesquiterpene	
63.33	Geranyl Acetate+ Daucene	105-87-3/16661-00-0	11.06	Monoterpenic ester	
78.78	Carotol	465-28-1	46.98	Sesquiterpenic alcohol	
79.12	Caryophyllene oxide	1139-30-6	1.09	Sesquiterpene	
79.91	Daucol	-	2.17	Sesquiterpenic alcohol	
Total			96,20		

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