



**vessel**  
essential oils

GC-MS Analysis					
<b>Product Name</b>		<b>Wild Carrot Es.Oil</b>			
<b>Product Type</b>		<b>Essential oil</b>			
<b>Botanical Name</b>		<b><i>Daucus carota, L.</i></b>			
<b>Batch N°</b>		<b>WC2021001B</b>			
<b>Label name</b>		<b>GREEK WILD CARROT ORGANIC ESSENTIAL OIL</b>			
<b>Refractive Index at 20 °C</b>		<b>1.489</b>			
<b>Specific gravity (g/mL) at 20 °C</b>		<b>0.921</b>			
<b>Optical rotation (°)</b>		<b>-6.78°</b>			
<b>Cultivation</b>		<b>Wild organic</b>			
<b>Production Date</b>		<b>August 2020</b>			
<b>Shelf Life</b>		<b>5 years</b>			
<b>Origin</b>		<b>Greece</b>			
<b>Production</b>		<b>Steam Distillation</b>			
<b>Plant Part</b>		<b>Leaves and flowering tops</b>			
<b>Time</b>	<b>Compounds</b>	<b>CAS N°</b>	<b>%</b>	<b>Chemical Family</b>	<b>IFRA 49th Restriction</b>
13.69	Alpha-Pinene	80-56-8	17.76	Monoterpene	
13.86	Alpha-Thujene	2867-05-2	0.5	Monoterpene	
16.3	Camphene	79-92-5	0.91	Monoterpene	
19.02	Beta-Pinene	127-91-3	2.1	Monoterpene	
19.99	Sabinene	3387-41-5	32.73	Monoterpene	
22.79	Beta-Myrcene	123-35-3	13.79	Monoterpene	

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24.02	Alpha-Terpinene	99-86-5	0.95	Monoterpene	
25.42	Limonene	138-86-3	1.93	Monoterpene	<b>Cosmetic Allergen</b>
26.13	Beta-Phellandrene	555-10-2	0.46	Monoterpene	
28.87	Gamma-Terpinene	99-85-4	1.89	Monoterpene	
29.14	Trans-Beta Ocimene	3779-61-1	0.41	Monoterpene	
30.62	Para-Cymene	99-87-6	0.34	Monoterpene	
31.63	Isoterpinolene	586-63-0	0.66	Monoterpene	
54.07	Trans-Beta Caryophyllene +Terpinen-4-ol	87-44-5/ 562-74-3	4.79	Sesquiterpene	
57.68	Trans-Beta Farnesene	18794-84-8	0.61	Sesquiterpene	
60.01	Alpha-Terpinyl Acetate	80-26-2	0.34	Monoterpenic ester	
61.14	Germacrene D	23986-74-5	0.45	Sesquiterpene	
61.78	Beta-Bisabolene	495-61-4	0.34	Sesquiterpene	
63.33	Geranyl Acetate	105-87-3	5.77	Monoterpenic ester	
78.78	Carotol	465-28-1	8.93	Sesquiterpenic alcohol	
79.91	Carrot Key sesquiterpenol	-	0.54	Sesquiterpenic alcohol	
Total			96,20		

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