



**vessel**  
essential oils

GC-MS Analysis					
<b>Product Name</b>		<b>Yarrow Es.Oil.</b>			
<b>Product Type</b>		<b>Essential oil</b>			
<b>Botanical Name</b>		<b><i>Achillea millefolium, L.</i></b>			
<b>Batch N°</b>		<b>Y2023001B</b>			
<b>Label name</b>		<b>GREEK YARROW ORGANIC ESSENTIAL OIL</b>			
<b>Refractive Index at 20°C</b>		<b>1.492</b>			
<b>Optical Rotation (°)</b>		<b>N/A</b>			
<b>Specific Gravity (g/mL) at 20°C</b>		<b>0.890</b>			
<b>Production Date</b>		<b>June 2022</b>			
<b>Shelf Life</b>		<b>5 years</b>			
<b>Origin</b>		<b>Greece</b>			
<b>Cultivation</b>		<b>Certified organic</b>			
<b>Production</b>		<b>Steam Distillation</b>			
<b>Plant Part</b>		<b>Flowering tops and leaves</b>			
<b>Time</b>	<b>Compounds</b>	<b>CAS N°</b>	<b>%</b>	<b>Chemical Family</b>	<b>IFRA 49th Restriction</b>
13.63	Alpha-Pinene	80-56-8	4.18	Monoterpene	
19.05	Beta-Pinene	127-91-3	15.70	Monoterpene	
19.94	Sabinene	3387-41-5	19.05	Monoterpene	
22.72	Beta-Myrcene	123-35-3	0.66	Monoterpene	
22.96	Alpha-Phellandre	99-83-2	0.07	Monoterpene	

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24.01	Alpha-Terpinene	99-86-5	0.93	Monoterpene
25.41	Limonene	5989-27-5	1.98	Monoterpene Cosmetic Allergen
26.4	1,8-Cineole	470-82-6	3.55	Monoterpenic ether
28.85	Gamma-Terpinene	99-85-4	1.45	Monoterpene
29.13	Trans-Beta Ocimene	3779-61-1	0.50	Monoterpene
36.28	Artemisia Ketone	546-49-6	6.20	Monoterpenic ketone
48.66	Camphor	76-22-2	7.86	Monoterpenic ketone
48.75	Beta-Bourbonene	5208-59-3	0.50	Sesquiterpene
52.8	Bornyl Acetate	76-49-3	0.55	Monoterpenic ester
52.92	Lavandulyl Acetate	25905-14-0	1.04	Ester
54.09	Terpinen-4-ol	562-74-3	2.79	Monoterpenic alcohol
54.14	Beta Caryophyllene	87-44-5	8.88	Sesquiterpene
58.72	Alpha-Humulene	6753-98-6	1.44	Sesquiterpene
59.89	Alpha-	98-55-5	0.50	Monoterpenic alcohol

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	Terpineol			
61.21	Germacrene D	23986-74-5	10.64	Sesquiterpene
61.36	Alpha-Zingiberene	495-60-3	1.02	Sesquiterpene
77.38	Caryophyllene Oxide (Isomer I)	1139-30-6	1.12	Sesquiterpenic epoxide
78.93	Trans-Nerolidol	40716-66-3	0.26	Sesquiterpenic alcohol
96.07	Chamazulene	529-05-5	7.96	Aromatic hydrocarbon
<b>Total</b>			<b>98.83</b>	

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