



<b>GC-MS Analysis</b>		<b>Essential Oil</b>			
<b>Product Name</b>		<b>Blue Chamomile Es.Oil</b>			
<b>Product Type</b>		<b>Essential oil</b>			
<b>Botanical Name</b>		<b><i>Matricaria recutita</i></b>			
<b>Batch N°</b>		<b>CH2023001B</b>			
<b>Label name</b>		<b>GREEK BLUE CHAMOMILE ORGANIC ESSENTIAL OIL</b>			
<b>Refractive Index</b>		<b>1.435</b>			
<b>Specific Gravity (g/mL)</b>		<b>0.900</b>			
<b>Optical Rotation (°)</b>		<b>+2.86°</b>			
<b>Production Date</b>		<b>July 2022</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>Flowering tops</b>			
<b>Time</b>	<b>Compounds</b>	<b>CAS N°</b>	<b>%</b>	<b>Chemical Family</b>	<b>IFRA 49th Restriction</b>
27.87	Cis-Beta-Ocimene	3338-55-4	0.25	Monoterpene	
28.84	Gamma-Terpinene	99-85-4	0.35	Monoterpene	
29.13	Trans-Beta Ocimene	3779-61-1	1.50	Monoterpene	
36.25	Artemisia Ketone	546-49-6	0.31	Monoterpenic ketone	
50.03	Alpha-Isocomene	65372-78-3	0.55	Sesquiterpene	

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54.05	Trans-Beta Caryophyllene	87-44-5	0.47	Sesquiterpene	
57.84	Trans-Beta Farnesene	18794-84-8	32.96	Sesquiterpene	
61.18	Germacrene D	23986-74-5	6.25	Sesquiterpene	
61.35	(Z,E)-Alpha Farnesene	26560-14-5	1.19	Sesquiterpene	
61.88	Beta-Selinene	17066-67-0	0.19	Sesquiterpene	
62.69	Bicyclogermacr ene	24703-35-3	3.68	Sesquiterpene	
62.84	(E,E) Alpha Farnesene	502-61-4	9.01	Sesquiterpene	
63.74	Citronellol	106-22-9	0.31	Monoterpenic alcohol	Cosmetic Allergen
71.29	Nonadecane	629-92-5	1.10	Hydrocarbon	
72.33	9-Nonadecene	31035-07-1	0.28	Hydrocarbon	
81.46	Heneicosane	629-94-7	0.51	Hydrocarbon	
82.87	Isophytol Isomer	505-32-8	0.29	Diterpenic alcohol	
83.22	Spathulenol	77171-55-2	0.37	Sesquiterpenic alcohol	
83.86	Alpha-Bisabolol Oxide B	26184-88-3	11.21	Sesquiterpene	
85.66	Alpha-Bisabolone Oxide A	58985-73-2	2.35	Sesquiterpene	
86.62	Alpha-Bisabolol	23089-26-1	1.03	Sesquiterpenic alcohol	Dermal Sens. and Systemic Tox.

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87.66	Beta-Sinensal	60066-88-8	0.35	Sesquiterpenic aldehyde
87.79	Beta-Eudesmol	473-15-4	0.58	Sesquiterpenic alcohol
96.05	Chamazulene	529-05-5	7.02	Aromatic hydrocarbon
96.76	Alpha-Bisabolol Oxide A	22567-36-8	2.50	Sesquiterpene
<b>Total</b>			<b>84.61</b>	

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