



## GC-MS Analysis

<b>Product Name</b>	<b>Clary Sage Es.Oil</b>				
<b>Product Type</b>	<b>Essential oil</b>				
<b>Botanical Name</b>	<i>Salvia sclarea L.</i>				
<b>Batch N°</b>	<b>CS2021001B</b>				
<b>Label name</b>	<b>GREEK CLARY SAGE ORGANIC ESSENTIAL OIL</b>				
<b>Refractive Index at 20°C</b>	<b>1.455</b>				
<b>Optical Rotation (°)</b>	<b>-15°</b>				
<b>Specific Gravity (g/mL) at 20°C</b>	<b>0.895</b>				
<b>Production Date</b>	<b>July 2020</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 foliage</b>				
<b>Time</b>	<b>Compounds</b>	<b>CAS N°</b>	<b>%</b>	<b>Chemical Family</b>	<b>IFRA 49th Restriction</b>
22.72	Beta-Myrcene	123-35-3	1.47	Monoterpene	
25.4	Limonene	138-86-3	0.39	Monoterpene	Cosmetic Allergen
27.88	Cis-Beta-Ocimene	3338-55-4	0.58	Monoterpene	
29.13	Trans-Beta-Ocimene	3779-61-1	1.08	Monoterpene	
31.61	Alpha-	586-62-9	0.29	Monoterpene	

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essential oils

	Terpinolene				
40.28	Trans-2-Hexenol	928-95-0	0.13	Alcohol	
46.91	Alpha-Copaene	3856-25-5	0.85	Sesquiterpene	
50.02	Linalool	78-70-6	23.59	Monoterpenic alcohol	Cosmetic Allergen
50.85	Linalyl Acetate	115-95-7	47.22	Monoterpenic ester	
54.14	Trans-Beta Caryophyllene	87-44-5	2.59	Sesquiterpene	
59.9	Alpha-Terpineol	98-55-5	4.4	Monoterpenic alcohol	
61.17	Germacrene D	23986-74-5	6.17	Sesquiterpene	
61.46	Neryl Acetate	141-12-8	1.46	Monoterpenic ester	
62.66	Bi cyclogermacrene +	24703-35-3	1.25	Sesquiterpene	
	(E,E) Alpha Farnesene	502-61-4			
63.3	Geranyl Acetate	105-87-3	2.64	Monoterpenic ester	
63.84	Delta-Cadinene	483-76-1	0.27	Sesquiterpene	
65.87	Nerol	106-25-2	0.9	Monoterpenic alcohol	
68.49	Geraniol	106-24-1	2.25	Monoterpenic alcohol	Cosmetic Allergen
77.37	Caryophyllen	1139-30-6	0.18	Sesquiterpenic epoxide	

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	e Oxide				
153.02	Sclareol	515-03-7	0.35	Diterpenic alcohol	Dermal Sensitization
Total			98,06		

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