



GC-MS Analysis					
<b>Product Name</b>		<b>Ditanny Es.Oil</b>			
<b>Product Type</b>		<b>Essential oil</b>			
<b>Botanical Name</b>		<b><i>Origanum dictamnus</i></b>			
<b>Batch N°</b>		<b>DI2023001B</b>			
<b>Label name</b>		<b>GREEK DITTANY ESSENTIAL OIL</b>			
<b>Density at 20°C</b>		<b>0.960</b>			
<b>Refractive Index</b>		<b>1.520</b>			
<b>Optical rotation</b>		<b>0.47°</b>			
<b>Cultivation</b>		<b>Organic certified</b>			
<b>Production Date</b>		<b>August 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>Aerial parts of flowering plant</b>			
Time	Compounds	CAS N°	%	Chemical Family	IFRA 49th Restriction
13.62	Alpha-Pinene	80-56-8	1.21	Monoterpene	
13.84	Alpha-Thujene	2867-05-2	3.03	Monoterpene	
16.81	Camphene	79-92-5	0.46	Monoterpene	
22.80	Beta-Myrcene	123-35-3	2.85	Monoterpene	
23.39	Alpha-Phellandrene	99-83-2	0.36	Monoterpene	
24.01	Alpha-Terpinene	99-86-5	1.93	Monoterpene	
25.5	Limonene	5989-27-5	0.41	Monoterpene	Cosmetic

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vessel  
essential oils

				Allergen
26.16	Gamma-Terpinene	99-85-4	8.33	Monoterpene
30.61	Para-Cymene	99-87-6	13.99	Monoterpene
45.14	1-Octen-3-ol	3391-86-4	0.59	Aliphatic Alcohol
50.65	Linalool	78-70-6	0.20	Monoterpenic alcohol Cosmetic Allergen
53.99	Carvacrol Methyl Ether	6379-73-3	0.44	Aromatic Ether
57.84	Trans-Beta Caryophyllene/ Terpinen-4-ol	87-44-5/ 562-74-3	2.91	Monoterpenic alcohol
60.56	Borneol	507-70-0	0.64	Monoterpenic alcohol
62.24	Beta-Bisabolene	495-61-4	0.79	Sesquiterpene
84.09	Thymol	89-83-8	2.11	Monoterpenic phenol
85.46	Carvacrol	499-75-2	54.81	Monoterpenic phenol
Total			95.06	

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