



GC-MS Analysis					
Product Name		Thyme Es.Oil			
Product Type		Essential oil			
Botanical Name		<i>Thymus vulgaris</i>			
Batch N°		TH2023001B			
Label name		GREEK THYME ORGANIC ESSENTIAL OIL			
Density at 20°C		0.912			
Refractive Index		1.490			
Optical rotation		-4.50°			
Cultivation		Certified Organic			
Production Date		June 2022			
Shelf Life		5 years			
Origin		Greece			
Production		Steam Distillation			
Plant Part		Flowering tops			
Time	Compounds	CAS N°	%	Chemical Family	IFRA 49th Restriction
13.02	Alpha-Pinene	80-56-8	1.70	Monoterpene	
13.14	Alpha-Thujene	2867-05-2	1.81	Monoterpene	
14.08	Camphene	79-92-5	1.68	Monoterpene	
14.25	Beta-pinene	18172-67-3	1.45	Monoterpene	
15.98	Beta-Myrcene	123-35-3	0.19	Monoterpene	
16.71	Alpha-Terpinene	99-86-5	1.12	Monoterpene	
20.32	Limonene	5989-27-5	5.32	Monoterpene	Cosmetic Allergen

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vessel
essential oils

22.15	1,8-Cineole	470-82-6	6.25	Monoterpenic ether
24.06	Gamma-Terpinene	99-85-4	0.81	Monoterpene
30.61	Para-Cymene	99-87-6	33.53	Monoterpene
50.65	Linalool	78-70-6	1.70	Monoterpenic alcohol
58.92	Beta-caryophyllene	87-44-5	2.28	Sesquiterpene
61.87	Methyl-thymol Ether	1076-56-8	0.61	Ether
63.90	Methyl-carvacrol Ether	6379-73-3	1.03	Ether
68.40	Borneol	507-70-0	1.75	Monoterpenoid
84.09	Thymol	89-83-8	26.59	Monoterpenic phenol
85.46	Carvacrol	499-75-2	2.77	Monoterpenic phenol
Total			90.59	

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