



GC-MS Analysis

Product Name Rosemary Es.Oil

Product Type Essential oil

Botanical Name *Rosmarinus officinalis*

Chemotype Camphor

Batch N° RO2023001B

Label name GREEK ROSEMARY ORGANIC ESSENTIAL OIL

Density at 20°C (g/cm³) 0.922

Refractive index 1.462

Optical rotation at 20°C +2.20°

Cultivation Certified Organic

Production Date August 2022

Shelf Life 5 years

Origin Greece

Production Steam Distillation

Plant Part Aerial parts

Time	Compounds	CAS N°	%	Chemical Family	IFRA 49th Restriction
13.62	Alpha-Pinene	80-56-8	14.76	Monoterpene	
14.58	Camphene	79-92-5	7.31	Monoterpene	
20.75	Beta-pinene	127-91-3	2.20	Monoterpene	
22.8	Beta-Myrcene	123-35-3	5.15	Monoterpene	
23.09	Alpha-Phellandrene	99-83-2	1.30	Monoterpene	
24.06	Alpha-terpinene	99-86-5	0.71	Monoterpene	
25.5	Limonene	5989-27-5	4.62	Monoterpene	Cosmetic

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vessel
essential oils

				Allergen
25.89	Beta-phellandrene	555-10-2	1.85	Monoterpene
26.01	1,8-Cineole	470-82-6	13.41	Monoterpenic ether
26.16	Gamma-terpinene	99-85-4	0.90	Monoterpene
26.56	3-Octanone	106-68-3	1.50	Aliphatic ketone
27.02	Para-cymene	99-87-6	0.85	Monoterpene
27.42	Linalool	78-70-6	1.29	Monoterpenic alcohol
28.54	Camphor	76-22-2	26.91	Monoterpenic ketone
29.09	Borneol	507-70-0	3.91	Monoterpenic alcohol
30.61	Terpinen-4-ol	562-74-3	0.77	Monoterpenic alcohol
48.6	Alpha-terpineol	98-55-5	1.41	Monoterpenic alcohol
50.54	Verbenone	80-57-9	2.20	Monoterpenic ketone
54.6	Bornyl acetate	76-49-3	1.08	Monoterpenic ester
65.04	Beta-caryophyllene	87-44-5	1.09	Sesquiterpene
Total			93.22	

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