



vessel
essential oils

GC-MS Analysis

Product Name	Roman Chamomile Es.Oil
Product Type	Essential oil
Botanical Name	<i>Anthemis nobilis L. syn. Chamaemelum nobile</i>
Batch N°	RC2022002B
Label name	GREEK ORGANIC ROMAN CHAMOMILE ESSENTIAL OIL
Density at 20°C (g/cm³)	0.910
Refractive Index at 20°C	1.443
Optical rotation at 20°C	-2.7°
Production Date	July 2021
Shelf Life	5 years
Origin	Greece
Cultivation	Certified organic
Production	Steam Distillation
Plant Part	Flowering Tops

a/a	Compounds	%	IFRA 49th Restriction
1	Isobutyl angelate + Isoamyl metacrylate	34.86	
2	Isoamyl angelate	15.95	
3	Methylallyl angelate	9.20	
4	Trans-pinocarveol	8.12	
5	2-methylbutyl angelate	4.39	
6	Pinocarvone	3.80	
7	Isobutyl isobutyrate	3.00	

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8	Isoamyl isobutyrate	2.20	
9	Isobutyl methacrylate	1.50	
10	Alpha-pinene	1.42	
11	2-methylbutyl methacrylate	1.12	
12	Myrtenal	0.80	
13	Camphene	0.30	
14	Beta-pinene	0.14	
15	Limonene	0.08	Cosmetic Allergen
16	Beta-caryophyllene	0.04	
17	Methyl-chavicol	0.09	
Total		87.01	

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