



vessel
essential oils

GC-MS Analysis					
Product Name		Geranium Es.Oil			
Product Type		Essential oil			
Botanical Name		<i>Pelargonium graveolens</i>			
Batch N°		G2023001B			
Label name		GREEK GERANIUM ORGANIC ESSENTIAL OIL			
Density at 20°C (g/cm³)		0.890			
Refractive Index		1.460			
Optical rotation at 20°C		-10.2°			
Year of Production		July 2022			
Shelf Life		5 years			
Cultivation		Certified organic			
Production		Steam Distillation			
Plant Part		Leaves and Branches			
Time	Compounds	CAS N°	%	Chemical Family	IFRA 49th Restriction
12.36	Alpha-pinene	80-56-8	0.30	Monoterpene	
21.56	Linalool	78-70-6	7.30	Monoterpenic alcohol	Cosmetic Allergen
24.15	Cis-Rose oxide	3033-23-6	1.30	Monoterpene	
27.99	Isomenthone	491-07-6	4.80	Ketone	
34.85	Citronellol	106-22-9	32.80	Monoterpenoid	
46.32	Geraniol	106-24-1	16.95	Monoterpenoid	
48.46	Citronellyl formate	105-85-1	6.95	Monoterpenic ester	

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49.06	Geranyl formate	105-86-2	4.90	Monoterpenic ester
50.52	Beta-Bourbonene	5208-59-3	0.85	Sesquiterpene
52.13	Germacrene D	23986-74-5	1.45	Sesquiterpene
54.21	Beta-Caryophyllene	87-44-5	0.95	Sesquiterpene
55.43	Citronellyl butyrate	141-16-2	0.95	Monoterpenic ester
58.43	Geranyl Butyrate	106-29-6	1.50	Monoterpenic ester
61.02	Epi-gamma-eudesmol	15051-81-7	3.65	Hydrocarbon
63.09	Geranyl tiglate	7785-33-3	1.45	Monoterpenic ester
Total			86.10	

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