

GC - MS Analysis					
Product Name			Geranium Es.Oil		
Product Type			Essential oil		
Botanical Name			<i>Pelargonium graveolens</i>		
Batch No			G2023001B		
Label name			GREEK GERANIUM ORGANIC ESSENTIAL OIL		
Density at 20°C (g/cm ³)			0.890		
Refractive Index			1.460		
Optical rotation at 20°C			-10.2°		
Cultivation			Certified organic		
Production Date			July 2022		
Shelf Life			5 years		
Origin			Greece		
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	Geranio	106-24-1	16.95	Monoterpenoid	
48.46	Citronellyl formate	105-85-1	6.95	Monoterpenic ester	
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		