



GC-MS Analysis					
Product Name		Bergamot Es.Oil			
Product Type		Essential oil			
Label name		BERGAMOT ESSENTIAL OIL			
Botanical Name		<i>Citrus bergamia</i>			
Batch N°		BE2021001B			
Density at 20°C (g/cm³)		0.8565 – 0.8840			
Refractive Index		1.460 – 1.472			
Optical rotation at 20°C		+14°/+45°			
Cultivation		Conventional			
Production Date		August 2020			
Shelf Life		3 years			
Origin		Italy			
Production		Cold pressed			
Plant Part		Peels			
Time	Compounds	CAS N°	%	Chemical Family	IFRA 49th Restriction
12.39	Alpha-pinene	80-56-8	1.01	Monoterpene	
13.90	Beta-pinene	127-91-3	6.63	Monoterpene	
16.95	Sabinene	3387-41-5	0.99	Monoterpene	
23.01	Limonene	138-86-3	36.95	Monoterpene	Cosmetic Allergen
26.1	Gamma-terpinene	99-85-4	7.89	Sesquiterpene	
26.42	Terpinolene	586-62-9	0.37	Monoterpene	

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essential oils

34.90	Myrcene	123-35-3	1.07	Monoterpene	
35.68	Beta-bisabolene	495-61-4	0.35	Sesquiterpene	
42.81	Linalool	78-70-6	13.6	Monoterpenic alcohol	Cosmetic Allergen
43.90	Linalyl Acetate	115-95-7	26.88	Monoterpenic ester	
45.98	Nerol	106-25-2	0.1	Monoterpenic alcohol	
48.02	Geraniol	106-24-1	0.03	Monoterpenic alcohol	
Total			95.87		

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