

GC – MS Analysis					
Product Name			Lavender Es.Oil		
Product Type			Essential oil		
Botanical Name			<i>Lavandula angustifolia</i>		
Batch No			L2023021B		
Label name			GREEK LAVENDER ORGANIC ESSENTIAL OIL		
Density at 20°C (g/cm ³)			0.870		
Refractive Index			1.470±0.0003		
Optical rotation			-7.50°		
Cultivation			Certified organic		
Production Date			July 2022		
Shelf Life			5 years		
Origin			Greece		
Production			Steam Distillation		
Plant Part			Flowering tops		
Time	Compounds	CAS N°	%	Chemical Family	IFRA 49th Restriction
22.76	Beta-myrcene	123-35-3	0.63		
25.42	Limonene	138-86-3	0.30	Monoterpene	Cosmetic Allergen
26.41	Beta-Phellandrene	555-10-2	0.11	Monoterpene	
27.01	1,8-Cineole	470-82-6	0.72	Monoterpenic ether	
27.93	Cis-Beta-Ocimene	3338-55-4	7.07	Monoterpene	
29.18	Trans-Beta Ocimene	3779-61-1	3.45	Monoterpene	
29.5	3-Octanone	106-68-3	0.75	Aliphatic ketone	
38.36	1-Octen-3-yl Acetate	2442-10-6	0.97	Aliphatic ester	Dermal Sensitization
48.6	Camphor	76-22-2	0.31	Monoterpenic ketone	
50.01	Linalool	78-70-6	28.36	Monoterpenic alcohol	Cosmetic Allergen
50.79	Linalyl Acetate	115-95-7	31.23	Monoterpenic ester	
52.23	Alpha-Santalene	512-61-8	0.54	Sesquiterpene	
53.92	Lavandulyl Acetate	25905-14-0	3.64	Monoterpenic ester	
54.0	Terpinen-4-ol	562-74-3	5.39	Monoterpenic alcohol	
54.1	Trans-Beta Caryophyllene	87-44-5	3.31	Sesquiterpene	
57.67	Trans-Beta Farnesene	18794-84-8	2.94	Sesquiterpene	
58.31	Lavandulol	498-16-8	0.70	Monoterpenic alcohol	
59.83	Alpha-Terpineol 9	98-55-5	1.05	Monoterpenic alcohol	
60.25	Borneol	507-70-0	0.62	Monoterpenic alcohol	
63.22	Geranyl Acetate	105-87-3	0.51	Monoterpenic	



				ester	
TOTAL			92.60		