

GC-MS Analysis					
Product Name		Frankincense Carterii Es.Oil			
Product Type		Essential oil			
Label name		FRANKINCENSE CARTERII ESSENTIAL OIL			
Botanical Name		<i>Bowsellia carterii</i>			
Batch N°		FS2023001B			
Density at 20°C (g/cm³)		0.875			
Refractive Index		1.472			
Optical rotation at 20°C		-4.53°			
Cultivation		Conventional			
Production Date		May 2022			
Shelf Life		5 years			
Origin		Somalia			
Production		Steam distillation			
Plant Part		Resin			
Time	Compounds	CAS N°	%	Chemical Family	IFRA 49th Restriction
12.43	Alpha-pinene	80-56-8	32.59	Monoterpene	
13.94	Alpha-thuyene	2867-05-2	19.03	Monoterpene	
14.92	Beta-pinene	127-91-3	0.92	Monoterpene	
15.05	Sabinene	3387-41-5	4.80	Monoterpene	
16.09	Beta-myrcene	123-35-3	3.99	Monoterpene	
17.93	Alpha-	99-86-5	0.97	Monoterpene	



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	phellandrene				
19.32	Limonene	5989-27-5	11.13	Monoterpene	Cosmetic Allergen
24.78	Para-cymene	99-87-6	7.07	Monoterpene	
26.89	Beta-elemene	1443-43-2	0.99	Monoterpene	
30.58	Terpinen-4-ol	562-74-3	1.21	Monoterpenic Alcohol	
31.64	Beta-caryophyllene	87-44-5	2.78	Sesquiterpene	
33.67	Trans-verbenol	1820-09-3	0.95	Pheromone	
46.90	Alpha-humulene	6753-98-6	0.52	Sesquiterpene	
50.97	Trans-sabinol	29606-76-6	0.91	Monoterpenoid	
53.05	Delta-cadinene	483-76-1	0.89	Sesquiterpene	
55.63	Gamma-cadinene	1460-97-5	0.82	Sesquiterpene	
59.02	Epi-cubenol	19912-67-5	0.35	Sesquiterpenoid	
63.47	Cubenol	21284-22-0	0.96	Sesquiterpenoid	
66.01	Caryophyllene epoxide	13877-94-6	2.01	Sesquiterpenoid	
69.04	T-cadinol	5937-11-1	0.95	Sesquiterpenoid alcohol	
71.30	Incensyl acetate	34701-53-6	0.50	Monoterpenic Ester	
72.05	Cembrenol	67814-27-1	0.07	Monocyclic diterpene	

Farmakeika, Neo Risio, Thessaloniki, Greece
Tel: +302310463719
Email: info@vessel.gr



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73.06	Incensol	22419-74-5	0.24	Monoterpenic Ester
Total			94.65	

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