

GC-MS Analysis					
Product Name		Balsam Fir Needle, Es.Oil			
Product Type		Essential oil			
Label name		BALSAM FIR NEEDLE ESSENTIAL OIL			
Botanical Name		<i>Abies balsamea</i>			
Batch N°		BF2023001B			
Density at 20°C (g/cm³)		0.870			
Refractive Index		1.470			
Optical rotation at 20°C		-22.60°			
Cultivation		Wild harvesting			
Production Date		May 2022			
Shelf Life		5 years			
Origin		Canada			
Production		Steam distillation			
Plant Part		Needles and branches			
Time	Compounds	CAS N°	%	Chemical Family	IFRA 49th Restriction
12.43	Alpha-pinene	80-56-8	14.76	Monoterpene	
13.52	Camphene	79-92-5	5.90	Monoterpene	
14.02	Beta-pinene	127-91-3	26.23	Monoterpene	
15.75	Beta-myrcene	123-35-3	1.90	Monoterpene	
16.89	Delta-3-Carene	13466-78-9	16.45	Monoterpene	
20.32	Limonene	5989-27-5	10.59	Monoterpene	Cosmetic



vessel
essential oils

				Allergen
23.1	Beta-phellandrene	555-10-2	6.21	Sesquiterpene
24.32	Terpinolene	586-62-9	1.39	Sesquiterpene
26.12	Bornyl acetate	76-49-3	8.41	Monoterpenic ester
32.12	Trans-beta-caryophyllene	87-44-5	0.35	Sesquiterpene
34.18	Alpha-humulene	6753-98-6	0.17	Sesquiterpene
Total			92.36	

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

