

GC-MS Analysis					
Product Name		White Fir Es.Oil			
Product Type		Essential oil			
Label name		GREEK WHITE FIR ESSENTIAL OIL			
Botanical Name		<i>Abies alba</i>			
Batch N°		WF2020001B			
Density at 20°C (g/cm³)		0.860 – 0.880			
Refractive Index		1.460 – 1.480			
Optical rotation at 20°C		+32°			
Cultivation		Organic certified			
Production Date		July 2019			
Shelf Life		5 years			
Origin		Greece			
Production		Steam distillation			
Plant Part		Needles and branches			
Time	Compounds	CAS N°	%	Chemical Family	IFRA 49th Restriction
12.43	Alpha-pinene	80-56-8	19.92	Monoterpene	
13.52	Camphene	79-92-5	9.56	Monoterpene	
14.02	Beta-pinene	127-91-3	22.87	Monoterpene	
15.75	Beta-myrcene	123-35-3	1.87	Monoterpene	
20.32	Limonene	138-86-3	23.21	Monoterpene	Cosmetic Allergen
23.1	Beta-phellandrene	555-10-2	4.69	Sesquiterpene	



vessel
essential oils

26.12	Bornyl acetate	76-49-3	5.98	Monoterpenic ester
30.12	Beta-caryophyllene	87-44-5	3.65	Sesquiterpene
34.18	Alpha-humulene	6753-98-6	1.76	Sesquiterpene
34.80	Alpha-murolene	10208-80-7	1.65	Sesquiterpene
35.69	Epsilon-Cadinene	27542-04-7	0.90	Sesquiterpenoid
Total			96.06	

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

