



vessel
essential oils

GC-MS Analysis					
Product Name		Niaouli Es.Oil			
Product Type		Essential oil			
Botanical Name		<i>Melaleuca quinquenervia (Cav.)S.T.Blake</i>			
Batch N°		NI2023001B			
Label name		NIAOULI ESSENTIAL OIL			
Density at 20°C (g/cm³)		0.910			
Refractive Index		1.470			
Optical rotation at 20°C		-3.15°			
Origin		Madagascar			
Cultivation		Conventional			
Production Date		May 2022			
Shelf Life		5 years			
Production		Steam Distillation			
Plant Part		Flowers			
Time	Compounds	CAS N°	%	Chemical Family	IFRA 49th Restriction
16.31	1,8-Cineol	470-82-6	53.85	Monoterpenic ether	
17.85	Alpha-pinene	80-56-8	9.16	Monoterpene	
18.22	Limonene	5989-27-5	6.59	Monoterpene	Cosmetic Allergen
19.03	Alpha-terpineol	98-55-5	7.00	Monoterpenic alcohol	
21.63	Viridiflorol	552-02-3	4.41	Sesquiterpenoid	
22.04	Beta-pinene	127-91-3	2.30	Monoterpene	

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23.58	Beta-caryophyllene	87-44-5	1.99	Sesquiterpene
24.69	Gamma-terpinene	99-85-4	1.71	Monoterpene
25.10	Alpha-terpinyl acetate	80-26-2	1.25	Monoterpenoid
27.68	Myrcene	123-35-3	1.30	Monoterpene
29.02	Para-cymene	99-87-6	0.99	Monoterpene
32.54	Trans-nerolidol	40716-66-3	0.59	Monoterpenic alcohol
Total			91.14	

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