



**vessel**  
essential oils

GC-MS Analysis					
<b>Product Name</b>		<b>Niaouli Es.Oil</b>			
<b>Product Type</b>		<b>Essential oil</b>			
<b>Botanical Name</b>		<b><i>Melaleuca quinquenervia (Cav.)S.T.Blake</i></b>			
<b>Batch N°</b>		<b>NI2021001B</b>			
<b>Label name</b>		<b>NIAOULI ORGANIC ESSENTIAL OIL</b>			
<b>Density at 20°C (g/cm<sup>3</sup>)</b>		<b>0.910</b>			
<b>Refractive Index</b>		<b>1.470</b>			
<b>Optical rotation at 20°C</b>		<b>-3°</b>			
<b>Origin</b>		<b>Madagascar</b>			
<b>Cultivation</b>		<b>Certified organic</b>			
<b>Production Date</b>		<b>July 2020</b>			
<b>Shelf Life</b>		<b>5 years</b>			
<b>Production</b>		<b>Steam Distillation</b>			
<b>Plant Part</b>		<b>Flowers</b>			
<b>Time</b>	<b>Compounds</b>	<b>CAS N°</b>	<b>%</b>	<b>Chemical Family</b>	<b>IFRA 49th Restriction</b>
16.31	1,8-Cineol	470-82-6	54.52	Monoterpenoid	
17.85	Alpha-pinene	147524	8.46	Monoterpene	
18.22	Limonene	138-86-3	7.62	Monoterpene	Cosmetic Allergen
19.03	Alpha-terpineol	98-55-5	6.93	Monoterpenic alcohol	
21.63	Viridiflorol	552-02-3	4.34	Sesquiterpenoid	
22.04	Beta-pinene	127-91-3	2.29	Monoterpene	
23.58	Beta-	87-44-5	1.94	Sesquiterpene	

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	caryophyllene			
24.69	Gamma-terpinene	99-85-4	1.70	Monoterpene
25.10	Alpha-terpinyl acetate	80-26-2	1.25	Monoterpenoid
27.68	Myrcene	123-35-3	1.03	Monoterpene
29.02	Para-cymene	99-87-6	0.81	Monoterpene
32.54	Trans-nerolidol	40716-66-3	0.54	Monoterpenic alcohol
Total			91.43	

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