



**vessel**  
essential oils

<b>GC-MS Analysis</b>	<b>Essential Oil</b>				
<b>Product Name</b>	<b>Blue Tansy Es.Oil</b>				
<b>Product Type</b>	<b>Essential oil</b>				
<b>Botanical Name</b>	<b><i>Tanacetum annuum</i></b>				
<b>Batch N°</b>	<b>BT2023001B</b>				
<b>Label name</b>	<b>BLUE TANSY ESSENTIAL OIL FROM MOROCCO</b>				
<b>Refractive Index</b>	<b>1.500</b>				
<b>Specific Gravity (g/mL)</b>	<b>0.900</b>				
<b>Optical Rotation (°)</b>	<b>N/A</b>				
<b>Production Date</b>	<b>May 2022</b>				
<b>Cultivation</b>	<b>Conventional</b>				
<b>Shelf Life</b>	<b>5 years</b>				
<b>Origin</b>	<b>Morocco</b>				
<b>Production</b>	<b>Steam Distillation</b>				
<b>Plant Part</b>	<b>Flowering tops</b>				
<b>Time</b>	<b>Compounds</b>	<b>CAS N°</b>	<b>%</b>	<b>Chemical Family</b>	<b>IFRA 49th Restriction</b>
12.90	Alpha-Pinene	80-56-8	3.10	Monoterpene	
13.65	Sabinene	3387-41-5	16.50	Monoterpene	
14.38	Beta-Pinene	127-91-3	6.90	Monoterpene	
22.84	Beta-myrcene	123-35-3	5.70	Monoterpene	
23.09	Alpha-Phellandrene	99-83-2	5.15	Monoterpene	

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24.06	Alpha-terpinene	99-86-5	0.75	Monoterpene
25.51	Limonene	5989-27-5	2.45	Monoterpene Cosmetic Allergen
26.55	1,8-Cineole	470-82-6	0.70	Monoterpenic Ether
28.84	Gamma-Terpinene	99-85-4	1.20	Monoterpene
29.46	Terpinolene	586-62-9	0.75	Monoterpene
30.25	Camphene	79-92-5	1.15	Monoterpene
33.63	Para-Cymene	99-87-6	5.15	Monoterpene
48.67	Camphor	76-22-2	11.20	
54.0	Terpinen-4-ol	562-74-3	1.70	Monoterpenic alcohol
54.05	Trans-Beta Caryophyllene	87-44-5	1.65	Sesquiterpene
60.25	Borneol	507-70-0	2.50	Monoterpenic alcohol
61.18	Germacrene D	23986-74-5	1.50	Sesquiterpene
96.05	Chamazulene	529-05-5	9.40	Aromatic hydrocarbon
<b>Total</b>			<b>77.45</b>	

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