



Ayanda

AFRICAN OILS

COA– Niaouli, Organic

Batch Number: BEO A51 NO
Manufacturing date: October 2018
Expiry date: October 2022
Product: Niaouli Oil - Melaleuca quinquenervia

Description: Essential Oil obtained by steam distillation from twigs and leaves of: Melaleuca quinquenervia (Cav.) S.T. Blake (Syn.: Melaleuca viridiflora Solander ex Gaertner)

Physical and Chemical properties	RANGE	
Odour	Aromatic, fresh and note of cineol	
Appearance	Mobile liquid	
Colour	Colorless to pale yellow	Conforms
Specific gravity at 20°C	0,904 to 0,925	0.91
Refractive index at 20°C	1,463 to 1,472	1.464
Optical rotation at 20°C	-4 ° to +1 °	-3.13
Flash point	53 °C	

Ayanda African Oils (Pty)
Reg No: 2017/655786/07
VAT no: 4040281596
Tel. Number: +27 +35 3407008





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BULLETIN D'ANALYSE N°: 43647

Organic Niaouli Oil BEOA51NO

Analyse chromatographique par GC/FID

Tr	Composés	% Fid
9.18	Trans-2-Hexénal	0.038
9.28	Cis-3-Héxénol	0.055
11.85	Alpha Thujène	0.094
12.21	Alpha-Pinène	7.913
12.70	Fenchène	0.010
12.77	Camphène	0.050
13.24	Benzaldéhyde	0.039
13.82	Béta-Pinène	2.675
14.15	Myrcène	0.776
14.71	Para-Mentha-1(7).8-diène	0.055
14.80	Alpha-Phellandrène	0.042
15.20	Alpha-Terpinène	0.160
15.52	Para-Cymène	0.161
15.62	Limonène	8.182
15.69	Béta-Phellandrène	0.037
15.97	Eucalyptol	61.648
16.16	(E)-Béta-Ocimène	0.072
16.62	Gamma-Terpinène	0.601
17.52	Terpinolène	0.189
17.85	Benzoate de Méthyle	0.013
17.98	Linalol	0.603
18.30	Cis-Oxyde de rose	0.010

Tr	Composés	% Fid
20.34	Delta-Terpinéol	0.143
20.66	Terpinène-4-ol	0.618
21.22	Alpha-Terpinéol	7.825
25.40	Acétate d'Alpha-Terpényle	0.654
26.15	Acétate de Géranyle	0.006
26.30	Alpha-Copaène	0.035
27.16	Alpha-Gurjunène	0.061
27.55	Béta-Caryophyllène	1.210
28.04	Alpha-Guaiène	0.055
28.47	Alpha-Humulène	0.183
28.58	Allo-Aromadendrène	0.190
28.86	Gamma-Murolène	0.038
29.34	Viridiflorène	0.336
29.47	Alpha-Selinène	0.098
29.88	Gamma-Cadinène	0.080
29.94	Delta-Cadinène	0.098
30.93	(E)-Nérolidol	0.241
31.38	Palustrol	0.060
31.67	Oxyde de Caryophyllène	0.230
32.05	Viridiflorol	3.768
32.24	Lédol	0.326
	Total	99.678

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