



NHR ORGANIC OILS  
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*Certificate of Analysis Sheet*  
**Organic Lemon Tea Tree Essential Oil**  
*(Leptospermum petersonii)*

BATCH NUMBER: 230123-4
ORIGIN: AUSTRALIA
PRODUCT INCI: LEPTOSPERMUM PETERSONII OIL
CAS NUMBER: 85085-43-4
EINECS NUMBER: 285-372-4
MANUFACTURING METHOD: STEAM DISTILLED

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE	LIQUID	-
COLOUR	COLOURLESS – PALE YELLOW	-
ODOUR	CHARACTERISTIC	-
SPECIFIC GRAVITY @ 20°C	0.851 – 0.901	0.873
REFRACTIVE INDEX @ 20°C	1.463 – 1.495	1.473
OPTICAL ROTATION (°C)	-10.0 TO +8.0	+2.95

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### Analyse chromatographique par GC/FID

Tr	Composés	% Fid
11.88	Alpha-Thujène	0.042
12.18	Alpha-Pinène	0.659
13.64	Sabinène	0.054
13.84	Béta-Pinène	0.229
14.02	6-Méthyl-5-Heptèn-2-one	0.244
14.20	Myrcène	2.015
14.27	Dehydro-1,8-Cinéol	0.198
15.50	Para-Cymène	0.069
15.66	Limonène	0.093
15.79	Eucalyptol	0.073
16.20	(E)-Béta-Ocimène	0.086
16.66	Gamma-Terpinène	0.176
17.58	Terpinolène	0.108
18.06	Linalol	1.669
18.85	Cis-Para-Menth-2ène-1-ol	0.031
19.44	Exo-Isocitral	0.307
19.83	Citronellal	26.141
20.02	Cis-Chrysanthénol	1.291
20.10	Iso-Isopulégol	1.048
20.60	Iso-Géranial	1.884

Tr	Composés	% Fid
20.75	Terpinène-4-ol	0.268
21.19	Alpha-Terpinéol	0.041
22.01	Nérol	0.262
22.08	Citronellol	1.738
22.51	Néral	24.086
22.77	Géraniol	2.104
23.40	Géranial	31.836
25.67	Eugénol	0.254
26.22	Acétate de Géranyle	0.168
26.72	Béta-Elémène	0.105
27.63	Béta-Caryophyllène	0.106
28.11	Aromadendrène	0.068
28.67	Allo-Aromadendrène	0.109
29.20	Germacrène-D	0.245
29.42	Viridiflorène	0.091
29.56	Bicyclogermacrène	0.940
29.96	Gamma-Cadinène	0.027
30.04	Delta-Cadinène	0.095
31.60	Spathulénol	0.070
	Total	99.030

#### **STORAGE CONDITIONS**

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

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