



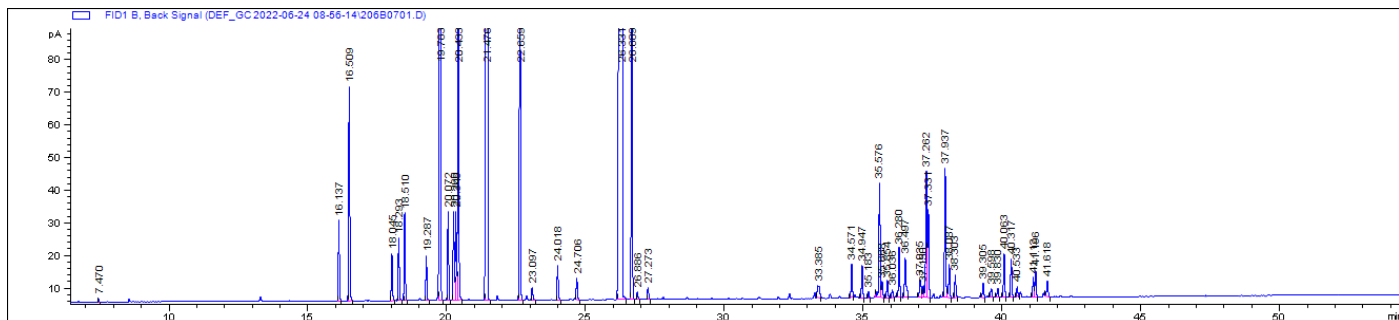
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## GC ANALYSIS

PRODUCT NAME	TEA TREE ESSENTIAL OIL
LATIN NAME	<i>Melaleuca alternifolia</i>
CAS NO	85085-48-9 / 8022-72-8 / 68647-73-4
PRODUCT CODE	PCTEAMA18
BATCH NUMBER	TEAC0622DF
EXPIRY DATE	06/2027
COUNTRY OF ORIGIN	SOUTH AFRICA
PART OF PLANT USED	LEAVES (STEAM DISTILLED)

ANALYTICAL DETAILS	SPECIFICATIONS	RESULTS
COLOUR	CLEAR COLOURLESS TO PALE YELLOW	COMPLIES
ODOUR	HERBECOUS AROMA	COMPLIES
PHYSICAL STATE	LIQUID OIL	COMPLIES
REFRACTIVE INDEX (20°C)	1.476 - 1.481	1.4780
RELATIVE DENSITY (20°C)	0.890 - 0.905	0.8965
OPTICAL ROTATION	6° - 10°	+10.02°



MAJOR CONSTITUENT LISTING		RESULTS
RETENTION TIME (MIN)	NAME OF CONSTITUENT	% COMPOSITION
16.137	ALPHA THUJENE	0.792
16.509	ALPHA PINENE	2.170
18.045	SABINENE	0.474
18.293	BETA PINENE	0.664
18.510	MYRCENE	0.867
19.287	ALPHA PHELLANDRENE	0.453
19.783	ALPHA TERPINENE	10.327
20.072	PARA CYMENE	0.876
20.269	LIMONENE	0.893
20.349	BETA PHELLANDRENE	0.859
20.433	1.8 CINEOLE	3.025
21.476	GAMMA TERPINENE	20.136
22.659	ALPHA TERPINOLENE	3.571
26.331	TERPINENE-4-OL	40.408
26.689	ALPHA TERPINEOL	2.791
35.576	AROMADENDRENE	1.360
37.262	LEDENE	1.439
37.937	DELTA CADINENE	1.427
40.063	GLOBULOL	0.487
40.317	VIRIDIFLOROL	0.445

This information is believed to be current and accurate but is provided without any warranty expressed or implied. Customers are advised to determine in advance the safe conditions for use of this product.

Pure Essential Oils | Carrier oils | Butters | Fragrances | Absolutes | Hydrosols

FDA APPROVED

ORGANICALLY CERTIFIED