

ESSENTOILS

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CERTIFICATE OF ANALYSIS

PRODUCT NAME	TEA TREE ORGANIC ESSENTIAL OIL
LATIN NAME	<i>Melaleuca Alternifolia</i>
CAS NO	85085-48-9 / 8022-72-8 / 68647-73-4
PRODUCT CODE	PGTEAMA04
BATCH NUMBER	TEAO0321EEO
MANUFACTURE DATE	03/2021
EXPIRY DATE	03/2026
COUNTRY OF ORIGIN	SOUTH AFRICA
PART OF PLANT USED	LEAVES (STEAM DISTILLED)
ORIGINAL DATE OF ISSUE	03/03/2021
DISPATCH DATE	21/06/2022

ANALYTICAL DETAILS	SPECIFICATION	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	1.4769
RELATIVE DENSITY (20°C)	0.890 - 0.905	0.8929
OPTICAL ROTATION	6° - 10°	+10.44°

NAME OF CONSTITUENTS	%COMPOSITIONS	%SPECIFICATIONS
ALPHA THUJENE	0.951	0 -1.7
ALPHA PINENE	2.547	1 - 6
SABINENE	0.959	0.005-3.5
BETA PINENE	0.769	0.01-0.8
MYRCENE	0.956	0.7-1.6
ALPHA PHELLANDRENE	0.558	-
ALPHA TERPINENE	11.137	5 - 13
PARA CYMENE	1.184	0.5- 8
LIMONENE	1.010	0.5-4
BETA PHELLANDRENE	1.031	0-1
1.8 CINEOLE	3.541	0-5
GAMMA TERPINENE	21.292	17-25
ALPHA TERPINOLENE	3.757	1.5- 8
TERPINENE-4-OL	40.784	30-48
ALPHA TERPINEOL	3.586	1.3- 8
AROMADENDRENE	0.910	1-1.5
LEDENE	0.790	1-1.5
DELTA CADINENE	0.793	1 -1.5
GLOBULOL	0.191	0.03-3
VIRIDIFLOROL	0.169	0.05-1.5

STORAGE CONDITIONS	STORE IN A COOL DARK PLACE
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CERTIFIED ORGANIC



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