

CERTIFICATE OF ANALYSIS

GC ANALYSIS

PRODUCT DETAILS

PRODUCT NAME: TEA TREE (AUSTRALIAN), ESSENTIAL OIL ORGANIC

LOT NUMBER: 001767

PRODUCT INCI: MELALEUCA ALTERNIFOLIA LEAF OIL

CAS NUMBER: 68647-73-4

EINECS NUMBER: 285-377-1

MANUFACTURING METHOD: STEAM DISTILLED

MANUFACTURING DATE: 14/06/2019

BEST BEFORE DATE: 14/06/2021

GC ANALYSIS

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE	LIQUID	-
COLOUR	COLOURLESS – PALE YELLOW	-
ODOUR	CHARACTERISTIC	-
SPECIFIC GRAVITY @ 20°C	0.885 – 0.906	0.887
REFRACTIVE INDEX @ 20°C	1.470 – 1.482	1.476
OPTICAL ROTATION (°C)	+5.0 TO +15.0	+9.29
1.8 CINEOLE CONTENT (%)	MAX 5.0	1.18
TERPINENE-4-OL (%)	MIN 35.0	40.88

GC ANALYSIS

COMPONENT	RESULT
ALPHA-PINENE	2.68
VIRIDIFLOROL	0.22
ALPHA-TERPINENE	10.04
LIMONENE	1.26
P-CYMENE	2.03
1,8-CINEOLE	1.53
ALPHA-TERPINOLENE	3.45
TERPINEN-4-OL	41.61
ALPHA-TERPINEOL	3.93
AROMADENDRENE	1.41

STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

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