



CERTIFICATE OF ANALYSIS

PRODUCT: AUSTRALIAN LEMON-SCENTED IRONBARK OIL
 (Oil of *Eucalyptus staigeriana*)
LOT BATCH NUMBER: ES1901
METHOD OF EXTRACTION: Steam distillation
PLANT PARTS USED: Leaves and terminal branchlets
CERTIFICATE/MANUFACTURE DATE: 30th APRIL 2019
EXPIRY DATE: 30th APRIL 2022 (under recommended storage conditions)

PARAMETER	RESULTS
	AREA %
CHEMICAL COMPOSITION	
alpha-thujene	0.21
alpha-pinene	3.63
beta-pinene	2.20
myrcene	0.76
alpha-phellandrene	1.40
alpha-terpinene	0.15
para-cymene	1.92
beta-phellandrene/limonene	26.54
1,8-cineole	4.81
cis-beta-ocimene	0.19
trans-beta-ocimene	0.37
gamma-terpinene	1.49
terpinolene	7.64
linalool	1.76
terpinen-4-ol	1.04
alpha-terpineol	1.25
nerol	1.36
neral	8.91
geraniol	6.18
geranial	13.47
methyl geranate	4.36
neryl acetate	1.48
geranyl acetate	3.50
PHYSICAL PARAMETERS	
Refractive Index @ 20 °C	1.478
Specific gravity @ 20 °C	0.885
Optical rotation @ 20 °C	-25.9°

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