



Certificate of Analysis

Product Tea Tree Oil

Botanical Name Melaleuca alternifolia

Batch 19763

Best Before Jun-2022

Origin Australia

Plant Part Leaves and terminal branches

Extraction Steam Distilled

Physical Data

Appearance Transparent Liquid Complies

Colour Colourless to pale yellow Complies

Odour Characteristic, herbal, camphor Complies

Optical Rotation +5.0 ° to +15.0 ° +9.90°

Specific Gravity @ 20°C 0.885 – 0.906 0.885

Refractive Index @ 20°C 1.475 – 1.482 1.477

Chromatographic Data Constituent	Result %	Specification
-pinene	2.21	1.0 to 6.0
Sabinene	0.58	Trace to 3.5
-terpinene	10.20	5.0 to 13.0
limonene*	0.68	0.5 to 4.0
p-cymene	1.51	0.5 to 12.0
1,8-cineole	0.93	Trace to 15.0
y-terpinene	20.24	10.0 to 28.0
terpinolene	3.56	1.5 to 5.0
terpinen-4-ol	41.75	30.0 to 48.0
-terpineol	2.99	1.5 to 8.0
aromadendrene	1.06	Trace to 3.0
ledene	0.95	Trace to 3.0
-cadinene	1.24	Trace to 3.0
globulol	0.27	Trace to 1.0
viridiflorol	0.19	Trace to 1.0