

Certificate of Analysis

Product: Mandarin Cold Pressed Essential Oil

Botanical Name: *Citrus reticulata* var. 'mandarin'

Country of Origin: Australia

PHYSICAL AND CHEMICAL PROPERTIES

TEST	SPECIFICATION	RESULT
Appearance	Clear, golden yellow to redorange mobile liquid	Conforms
Odour	Characteristic	Conforms
Specific Gravity	0.840 to 0.880 @ 20°C	Conforms
Refractive Index	1.4650 to 1.4820 @ 20°C	Conforms
Optical Rotation	+65° to +100° @ 20°C	Conforms

GAS CHROMATOGRAPH ANALYSIS (TYPICAL)

CONSTITUENT	SPECIFICATION	RESULT
Sabinene		0.34%
Myrcene + Octanal		1.81%
Limonene		95.37%
Linalool		0.17%
α -pinene		0.43%