

Certificate of Analysis

Product: Tangerine Oil

Botanical Name: *Citrus reticulata*

Physical data	<u>Specification²</u>	<u>Result</u>
Appearance:	Clear free flowing liquid*	Complies
Colour:	Pale yellow/orange to orange brown	Complies
Odour:	Characteristic tangelo citrus	Complies
Specific Gravity @ 20°C:	0.840 to 0.864	0.849
Refractive Index @ 20°C:	1.469 to 1.478	1.475
Optical Rotation :	+80 ⁰ to +100 ⁰	+94 ⁰

Chromatographic Profile

Component	Specification² Peak Area¹ (%)	Result Peak Area (%)
b-Myrcene	1.0 to 3.0	1.7
d-Limonene	85.0 to 97.0	95.1