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## Certificate of Analysis

Product	Grapefruit White Oil
Botanical Name	<i>Citrus paradisi</i>
Batch	19319
Origin	Australia
Plant Part	Peel
Extraction	Cold Pressed

Physical Data	Specification	Result
Appearance	Clear Liquid	Conforms
Colour	Colourless to yellow	Conforms
Odour	Characteristic	Conforms
Optical Rotation	+91.0 ° to +96.0 °	+95.7
Specific Gravity @ 20°C	0.840 – 0.860	0.8458
Refractive Index @ 20°C	1.4650 – 1.4780	1.4712

### Typical Chromatographic Data

Constituent	Result %	Specification
d-limonene*	95.940	>90.0
Myrcene	1.532	Trace – 2.0
a-pinene	0.446	Trace – 0.46

**\*EU Allergen**

Expiry Date                      October 2020