

## Certificate of Analysis

Product: Mandarin Oil

Batch Number: 5724

Botanical Name: *Citrus reticulata*

Code: EOMANBULK

### Parameter Specification<sub>1</sub> Result

Appearance: Clear, mobile flowing liquid Complies

Colour: Orange to deep orange brown Complies

Odour: Characteristic mandarin citrus Complies

### Physio-chemical properties

Refractive Index @ 20 ° C: 1.4680 – 1.4780 1.4741

Optical Rotation @ 20 ° C: + 64.00 ° to + 85.00 ° +82.10

Specific Gravity @ 20 ° C: 0.8450 – 0.8650 0.8494

Chromatographic Profile Sample	Component	Specification <sub>1</sub> (%)	Result (%)
<i>Citrus reticulata</i>	Myrcene	Trace- 5	1.68
	d- Limonene	Min 80.00	82.10

NOTE (1) Version (13/5/2011)

Retest Date: May 2014

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Quality Assurance Manager

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Computer generated, released