

Certificate of Analysis

Product: Mandarin Oil

Batch Number: 5724

Botanical Name: *Citrus reticulata*

Code: EOMANBULK

Parameter Specification₁ 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 ₁ (%) | 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

13/5/2011

Computer generated, released