

## Certificate of Analysis

Product: Orange Sweet Oil (Australia)

Botanical Name: *Citrus sinensis*

Plant part used: Fruit peel

Extraction method: Cold Pressed

| <b>Physical data</b>     | <b><u>Specification</u></b>  | <b><u>Result</u></b> |
|--------------------------|------------------------------|----------------------|
| Appearance:              | Clear, mobile liquid*        | Complies             |
| Colour:                  | Orange to deep orange brown  | Complies             |
| Odour:                   | Characteristic orange citrus | Complies             |
| Specific Gravity @ 20°C: | 0.840 to 0.860               | 0.846                |
| Refractive Index @ 20°C: | 1.469 to 1.480               | 1.473                |
| Optical Rotation@ 20°C:  | +92° to +102°                | +98°                 |

### Chromatographic Profile

| <b>Sample</b>          | <b>Component</b> | <b>Specification<br/>Peak Area (%)</b> | <b>Result<br/>Peak Area (%)</b> |
|------------------------|------------------|--|---------------------------------|
| <i>Citrus sinensis</i> | b-Myrcene        | Trace to 5.0                           | 1.8                             |
|                        | d-Limonene       | Min 92.0                               | 95.8                            |