



NHR ORGANIC OILS  
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*Certificate of Analysis Sheet*  
**Organic Grapefruit Essential Oil**  
*(Citrus paradisi)*

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|---|
| PRODUCT NAME: GRAPEFRUIT, ESSENTIAL OIL ORGANIC |
| BATCH NUMBER: 131224-2                          |
| PRODUCT INCI: CITRUS PARADISI PEEL OIL          |
| ORIGIN: USA                                     |
| CAS NUMBER: 8016-20-4                           |
| EINECS NUMBER: NOT LISTED                       |
| MANUFACTURING METHOD: COLD PRESSING             |

| ANALYTICAL DETAILS      | RANGE                                  | RESULTS |
|-------------------------|--|---------|
| APPEARANCE              | LIQUID                                 | -       |
| COLOUR                  | COLOURLESS - DARK YELLOW               | -       |
| ODOUR                   | CHARACTERISTIC, FRESH CLEAN GRAPEFRUIT | -       |
| SPECIFIC GRAVITY @ 20°C | 0.833 – 0.860                          | 0.842   |
| REFRACTIVE INDEX @ 20°C | 1.460 – 1.480                          | 1.473   |
| OPTICAL ROTATION (°C)   | +83.0 TO +105.0                        | +99.76  |

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|---|
| <b>STORAGE CONDITIONS</b>                           |
| STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT |

*The attached information is considered to be correct at the time the client received this information.  
Please be aware that detail can change and we encourage clients to update their records with NHR Organic Oils regularly.  
The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations.*