

Certificate of Analysis

Gracefruit Limited
209 Glasgow Road
Bonnybridge
FK4 1QQ



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|---------------------|--|----------------------|-----------------------|
| Raw Material Code: | I00001 | Product Description: | Carotene Infused |
| INCI Name: | Helianthus Annuus Seed Oil & Beta-Carotene | | |
| EINECS Number: | 232-273-9 & 230-636-6 | CAS Number: | 8001-21-6 & 7235-40-7 |
| Date of Production: | July-2017 | Best Before: | July-2018 |
| Lot Number: | L000228372 | Retested date: | |

| Analytical Details | Result |
|-------------------------|--|
| Appearance | Red to orange, clear, oily mobile liquid |
| Odour | Characteristic |
| Specific Gravity @ 20°C | 0.920 |
| Refractive index @ 20°C | 1.474 |

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| Palmitic Acid | C16:0 | 6.5 |
| Palmitoleic Acid | C16:1 | 0.1 |
| Stearic Acid | C18:0 | 3.5 |
| Oleic Acid | C18:1 | 28.8 |
| Linoleic Acid | C18:2 | 59.7 |
| Alpha Linolenic Acid | C18:3 | 0.1 |
| Arachidic Acid | C20:0 | 0.2 |
| Eicosenoic Acid | C20:1 | 0.2 |
| Behenic Acid | C22:0 | 0.6 |