

Certificate of Analysis
Gracefruit Ltd
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VAT Number: 935 8115 14
EORI Number: GB9358 1151 4000
Company Number: SC374368

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|---------------------|---------------------------|----------------------|--------------------------|
| Raw Material Code: | R00197 | Product Description: | Hazelnut Oil, RBDW |
| INCI Name: | Corylus Avellana Seed Oil | | |
| EINECS Number: | 281-667-7 / - | CAS Number: | 84012-21-5 / 185630-72-2 |
| Date of Production: | January-2016 | Best Before: | July-2017 |
| Lot Number: | I000151022 | Retest Date: | - |

| Analytical Details | Result |
|-------------------------|----------------------------|
| Appearance | Clear, light yellow liquid |
| Odour | Almost odourless |
| Specific Gravity @ 20°C | 0.918 |
| Refractive Index @ 20°C | 1.472 |
| FFA (% as Oleic) | 0.1 |
| Peroxide Value | 0.9 |
| Saponification Value | 192 |
| Unsaponifiable Matter | 0.6 |
| Iodine Value | 88 |
| Colour (Lovibond) 5 1/4 | 10y, 1.0r |
| Acid Value | 0.2 |

| | | |
|----------------------|-------|------|
| Palmitic Acid | C16:0 | 7.4 |
| Palmitoleic Acid | C16:1 | 0.2 |
| Stearic Acid | C18:0 | 2.5 |
| Oleic Acid | C18:1 | 79.4 |
| Linoleic Acid | C18:2 | 8.9 |
| Alpha Linolenic Acid | C18:3 | 0.1 |
| Arachidic Acid | C20:0 | 0.2 |
| Eicosenoic Acid | C20:1 | 0.2 |