

**Certificate of Analysis**  
**Gracefruit Ltd**  
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**Longcroft, Stirlingshire,**  
**FK4 1QL**  
**www.gracefruit.com**  
**VAT Number: 935 8115 14**  
**EORI Number: GB9358 1151 4000**  
**Company Number: SC374368**

<b>Raw Material Code:</b>	<b>I00057</b>	<b>Product Description:</b>	<b>Cranberry Seed Oil, Cold Pressed</b>
<b>INCI Name:</b>	<b>Vaccinium Macrocarpon Seed Oil</b>		
<b>EINECS Number:</b>	<b>294-875-8</b>	<b>CAS Number:</b>	<b>91770-88-6</b>
<b>Date of Production:</b>	<b>May-2016</b>	<b>Best Before:</b>	<b>May-2017</b>
<b>Lot Number:</b>	<b>I000166937</b>	<b>Retest Date:</b>	<b>-</b>

Analytical Details	Result
Appearance	Greenish gold to brown liquid at Room Temperature
Odour	Natural, fruity
Specific Gravity (g/ml) @ 20°C	0.926
Free Fatty Acid (% as Oleic)	1.25
Peroxide Value (Meq O <sub>2</sub> /kg)	15.91
Iodine Value (Calc.)	162
Acid Value	2.49

Palmitic Acid	C16:0	5.1
Palmitoleic Acid	C16:1	<0.1
Stearic Acid	C18:0	0.6
Oleic Acid	C18:1	24.9
Linoleic Acid	C18:2	37.2
Alpha Linolenic Acid	C18:3	29.3
Eicosenoic Acid	C20:1	<0.1
Lignoceric Acid	C24:0	<0.1