

Certificate of Analysis

Gracefruit Ltd

Raw Material Code: **I00057**

Product Description: **Cranberry Seed Oil, Cold Pressed**

INCI Name: **Vaccinium Macrocarpon Seed Oil**

EINECS Number: **294-875-8**

CAS Number: **91770-88-6**

Date of Production: **April-2017**

Best Before: **April-2018**

Lot Number: **L000214807**

Retested date:

Analytical Details	Result
Appearance	Greenish gold to brown liquid at Room Temperature
Odour	Natural, fruity
Specific Gravity @ 20°C	0.927
Free Fatty Acid (% as Oleic)	1.145
Peroxide Value (Meq O ₂ /kg)	6.68
Iodine Value	165
Acid Value (mg KOH/g)	2.28

Palmitic Acid	C16:0	5.3
Palmitoleic Acid	C16:1	<0.3
Stearic Acid	C18:0	1.2
Oleic Acid	C18:1	23.5
Linoleic Acid	C18:2	37.2
Alpha Linolenic Acid	C18:3	30.8
Eicosenoic Acid	C20:1	<0.2
Lignoceric Acid	C24:0	<0.1