

Certificate of Analysis

Gracefruit Ltd

Raw Material Code: R00114

Product Description: Castor Oil, Organic

INCI Name: Ricinus Communis Seed Oil

EINECS Number: 232-293-8

CAS Number: 8001-79-4

Date of Production: June-2016

Best Before: May-2018

Lot Number: 1000185816

Retest Date: -

Analytical Details	Result
Appearance	Clear to pale yellow viscous liquid
Odour	Characteristic
Specific Gravity @ 20°C	0.9598
Refractive index at 20°C	1.4788
Peroxide value	2.1
Saponification Value	180.75
Iodine Value	85.53
Acid Value	0.28
Hydroxyl Value	163.89

Palmitic Acid	C16:0	1.22
Stearic Acid	C18:0	1.28
Oleic Acid	C18:1	3.66
Ricinoleic Acid	C18:1 (OH)	88.51
Linoleic Acid	C18:2	4.64
Alpha Linolenic Acid	C18:3	0.42