

# 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: April-2016

Best Before: April-2018

Lot Number: L000166076

Retest Date: -

Analytical Details	Result
Appearance	Clear to pale yellow viscous liquid
Odour	Characteristic
Specific Gravity @ 20°C	0.96
Refractive index at 20°C	1.479
Peroxide value	0.29
Saponification Value	180.55
Iodine Value	85.54
Acid Value	0.22
Hydroxyl Value	163.72

Palmitic Acid	C16:0	1.19
Stearic Acid	C18:0	1.35
Oleic Acid	C18:1	3.62
Ricinoleic Acid	C18:1 (OH)	88.24
Linoleic Acid	C18:2	4.54
Alpha Linolenic Acid	C18:3	0.43