

Certificate of Analysis

Gracefruit Ltd

Raw Material Code: R00253

Product Description: Marula Oil, CP

INCI Name: Sclerocarya Birrea Seed Oil

EINECS Number: Not Listed

CAS Number: Not Listed

Date of Production: December-2017

Best Before: December-2018

Lot Number: L000253743

Retested date:

Analytical Details	Result
Appearance	White to off white solid or pale yellow to yellow liquid
Odour	Weak, Fatty
Free Fatty Acid (% as oleic)	2.70
Peroxide Value (MeqO ₂ /kg)	0.18
Saponification Value	189
Iodine Value	75
Acid Value (mg KOH/g)	5.37

Palmitic Acid	C16:0	11.1
Stearic Acid	C18:0	7.8
Oleic Acid	C18:1	71.7
Linoleic Acid	C18:2	7.7
Alpha Linolenic Acid	C18:3	<1.0
Arachidic Acid	C20:0	0.6