

# Certificate of Analysis

## Gracefruit Ltd

Raw Material Code: R00247

Product Description: Mango Butter

INCI Name: Mangifera Indica Seed Butter

EINECS Number: 290-045-4

CAS Number: 90063-86-8

Date of Production: November-2017

Best Before: November-2018

Lot Number: L000256896

Retested date:

Analytical Details	Result
Appearance	Pale yellow semi-solid fat
Odour	Free from rancid or foreign odours
Melting Point (°C)	Conforms
Free Fatty Acid (% as oleic)	0.15
Peroxide Value (MeqO <sub>2</sub> /kg)	2.00
Saponification Value	185.7
Unsaponifiable Matter	1.20
Iodine Value gI <sub>2</sub> /100	46.2
Colour (Gardner)	1.18
Acid Value (mg KOH/g)	0.30

Lauric Acid	C12:0	0.08
Myristic Acid	C14:0	0.13
Palmitic Acid	C16:0	12.16
Palmitoleic Acid	C16:1	0.2
Stearic Acid	C18:0	40.99
Oleic Acid	C18:1	38.95
Linoleic Acid	C18:2	6.28
Alpha Linolenic Acid	C18:3	0.1
Arachidic Acid	C20:0	0.83
Eicosenoic Acid	C20:1	0.17
Behenic Acid	C22:0	0.1