

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: March-2017

Best Before: March-2018

Lot Number: L000212975

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)	0.146
Peroxide Value (Meq O ₂ /kg)	0.4
Saponification Value	185.7
Unsaponifiable Matter	1.2
Iodine Value	47
Colour (Gardner)	0.9
Acid Value (mg KOH/g)	0.29

Lauric	C12:0	<1.5
Myristic Acid	C14:0	0.08
Palmitic Acid	C16:0	12.23
Palmitoleic Acid	C16:1	0.11
Stearic Acid	C18:0	39.66
Oleic Acid	C18:1	40.99
Linoleic Acid	C18:2	5.64
Alpha Linolenic Acid	C18:3	0.1
Arachidic Acid	C20:0	0.84
Eicosenoic Acid	C20:1	0.19
Behenic Acid	C22:0	0.15