

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: December-2015

Best Before: December-2017

Lot Number: L000149281

Retest Date: -

Analytical Details	Result
Appearance	Pale yellow semi-solid fat
Odour	Free from rancid or foreign odours
Drop Melting Point	Conforms
FFA (% as Oleic)	0.24
Peroxide Value	1
Saponification Value	185.2
Unsaponifiable Matter	1.2
Iodine Value	48
Colour (Gardner)	3.2
Acid Value	0.48

Lauric Acid	C12:0	0.08
Myristic Acid	C14:0	0.21
Palmitic Acid	C16:0	12.07
Palmitoleic Acid	C16:1	0.21
Stearic Acid	C18:0	40.11
Oleic Acid	C18:1	38.99
Linoleic Acid	C18:2	6.79
Alpha Linolenic Acid	C18:3	0.08
Arachidic Acid	C20:0	1.04
Eicosenoic Acid	C20:1	0.29
Behenic Acid	C22:0	0.12