

Certificate of Analysis

Gracefruit Limited
209 Glasgow Road
Bonnybridge
FK4 1QQ



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: **May-2017**

Best Before: **November-2018**

Lot Number: **L000233034**

Retested date:

Analytical Details	Result
Appearance	Pale yellow semi-solid fat
Odour	Free from rancid or foreign odours
Melting Point (°C)	Complies
Free Fatty Acid	0.05
Peroxide Value (MeqO ₂ /kg)	0.80
Saponification Value	185.70
Unsaponifiable Matter	1.20
Iodine Value	47.2
Colour (Gardner)	1.1G
Acid Value (mg KOH/g)	0.10

Lauric Acid	C12:0	≤1.5
Myristic Acid	C14:0	0.16
Palmitic Acid	C16:0	12.37
Palmitoleic Acid	C16:1	0.11
Stearic Acid	C18:0	39.98
Oleic Acid	C18:1	40.16
Linoleic Acid	C18:2	6.13
Alpha Linolenic Acid	C18:3	0.1
Arachidic Acid	C20:0	0.76
Eicosenoic Acid	C20:1	0.19
Behenic Acid	C22:0	0.12