

CERTIFICATE OF ANALYSIS



Product Name	Mango Butter
Product INCI	Mangifera Indica Seed Butter
Product Code	BB122
CAS	90063-86-8
EINECS	290-045-4

Manufacturing Method	Expeller Pressed & Refined
Part Used	Seed
Quality	100% Pure and Natural

Manufacturing Date	07.2020
Best Before Date	07.2022
Lot Number	P00501

Analytical Details	Range %	Result
Appearance	Soft – semi solid butter	-
Colour	Off white – pale yellow	-
Colour (gardner)	<6.0	-
Odour	Odourless	-
Melting point (C)	45.0 – 55.0	45.0
Free fatty acid (% as oleic)	<0.25	0.09
Iodine value	40.0 – 55.0	46.2
Saponification value (mg KOH/g)	180.0 – 195.0	188.0
Unsaponifiable matter (%)	<5.0	0.75
Acid value (mg KOH/g)	<0.5	-
Peroxide value	<10.0	0.5
Moisture	<0.10	-

Fatty Acid Profile		Range %	Result
C12:0	LAURIC	<1.5	-
C14:0	MYRISTIC	<1.5	-
C16:0	PALMITIC	04 - 09	06.4
C16:1	PALMITOLEIC	<1.0	-
C18:0	STEARIC	35.0 – 45.0	39.7
C18:1	OLEIC	35.0 – 50.0	45.4
C18:2	LINOLEIC	01 - 04	02.8
C18:3	LINOLENIC	<0.8	-
C20:0	ARACHIDIC	02 - 06	03.8
C20:1	ICOSENOIC	<1.0	-
C22:0	BEHENIC	<1.0	-