

Certificate of Analysis

Name of Product: Mango Butter
Batch Number: BBB2471
INCI Name: Mangifera Indica Seed Butter

Test	Standards/Methods	Results
Description	Soft – semi solid butter	-
Colour	Off white – pale yellow	-
Odour	Odourless	-
Colour (Lovibond 5.25" Cell)	≤45Y/ ≤5R	35.0Y, 3.8R
Free Fatty Acid (% as Oleic)	≤0.3	0.1
Iodine Value	38.0 – 48.0	44.43
Saponification Value (mg KOH/g)	180.0 – 195.0	188.0
Unsaponifiable Matter (%)	≤2.0	0.9
Slip Melting Point (°C)	30.0 – 40.0	35.4
Peroxide Value	≤10.0	0.1

Fatty Acid Profile		Range %	Results
C-Chain	Acid Name		
C16:0	Palmitic	4.0 – 9.0	6.0
C18:0	Stearic	35.0 – 50.0	42.2
C18:1	Oleic	35.0 – 50.0	42.5
C18:2	Linoleic	1.0 – 4.0	2.7
C20:0	Arachidic	2.0 – 6.0	4.7