



NHR ORGANIC OILS
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Certificate of Analysis Sheet

Organic Mango Butter

(*Mangifera indica*)

PRODUCT NAME: MANGO, BUTTER ORGANIC
BATCH NUMBER: 201223-1
PRODUCT INCI: MANGIFERA INDICA SEED BUTTER
ORIGIN: INDIA
CAS NUMBER: 90063-86-8
EINECS NUMBER: 290-045-4
MANUFACTURING METHOD: EXPELLER PRESSED & REFINED

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	SOFT – SEMI SOLID BUTTER	-
COLOUR	OFF WHITE – PALE YELLOW	-
ODOUR	ODOURLESS	-
COLOUR (LOVIBOND 5.25" CELL)	≤ 45Y/ ≤ 5R	30Y, 3.7R
FREE FATTY ACID (% AS OLEIC)	≤ 0.3	0.11
IODINE VALUE	38.0 – 48.0	44.32
SAPONIFICATION VALUE (MG KOH/G)	180.0 – 195.0	189.9
UNSAAPONIFIABLE MATTER (%)	≤ 2.0	1.0
SLIP MELTING POINT (C)	30.0 – 40.0	36.0
PEROXIDE VALUE	≤10.0	0.4

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	4.0 – 9.0	6.1
C18:0	STEARIC	35.0 – 50.0	44.2
C18:1	OLEIC	35.0 – 50.0	40.7
C18:2	LINOLEIC	1.0 – 4.0	3.7
C20:0	ARACHIDIC	2.0 – 6.0	2.1

The attached information is considered to be correct at the time the client received this information.
Please be aware that detail can change and we encourage clients to update their records with NHR Organic Oils regularly.
The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations.