



NHR ORGANIC OILS
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Certificate of Analysis Sheet

Organic Mango Butter

(*Mangifera indica*)

PRODUCT NAME: MANGO, BUTTER ORGANIC
BATCH NUMBER: 090625-2
PRODUCT INCI: MANGIFERA INDICA SEED BUTTER
ORIGIN: INDIA
CAS NUMBER: 90063-86-8
EINECS NUMBER: 290-045-4
MANUFACTURING METHOD: EXPPELLER 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	24.8 Y, 3.7 R
FREE FATTY ACID (% AS OLEIC)	≤ 0.3	0.06
IODINE VALUE	38.0 – 48.0	44.29
SAPONIFICATION VALUE (MG KOH/G)	180.0 – 195.0	195.0
UNSAAPONIFIABLE MATTER (%)	≤ 2.0	1.2
SLIP MELTING POINT (C)	30.0 – 40.0	32.2
PEROXIDE VALUE	≤ 10.0	0.24

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	4.0 – 9.0	6.4
C18:0	STEARIC	35.0 – 50.0	40.1
C18:1	OLEIC	35.0 – 50.0	44.2
C18:2	LINOLEIC	1.0 – 4.0	4.0
C20:0	ARACHIDIC	2.0 – 6.0	3.7

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