



NEW DAVAO OIL MILL, INC.

PRODUCT SPECIFICATION SHEET

Doc. No.: QA-SS-005

Rev. No./Issue Date: 04/10.20.16

Effective Date: 10.20.16

Page: 1 of 3

Title: ORGANIC REFINED, BLEACHED AND DEODORIZED COCONUT OIL

Description

Organic Refined Bleached and Deodorized Oil is produced from OCNO (Organic Crude Natural Oil) that has undergone extensive processing and using the approved methods of physical extraction and refining.

Sensory (Organoleptic)

Appearance	Yellowish Color
Aroma (Odour)	Odorless

Physical/Chemical

	<u>Range</u>	<u>Method</u>
Color (5 ¼ in. cell) Lovibond Y/R % max.	10 Y / 1.0 R	AOCS
Free-Fatty Acids as Lauric % max.	0.05 %	Gravimetric
Peroxide Value % max	1.0 meq/kg	Gravimetric
Iodine Value	10 cg/g	Gravimetric
Moisture Content % max.	0.10 %	AOCS
Saponification Value	*	
Melting Point/slip, °C	*	
Refractive index, °C	*	
Unsaponifiable matter % max.	*	

Microbiological

Total Plate Count,(CFU/ml)	< 250 ^(Est.)
Coliform, (CFU/ml)	< 10 ^(Est.)
Yeast and Mold, (CFU/ml)	< 10 ^(Est.)
Salmonella & <i>E.coli</i>	Negative

Polycyclic Aromatic Hydrocarbons (PAH)

Benzo (a) pyrene max.	2.0 µg/kg
(Sum of benzo(a)pyrene, benzo(a)anthracene, Benzo(b)fluoranthene and chrysene) max.	20.0 µg/kg



NEW DAVAO OIL MILL, INC.

PRODUCT SPECIFICATION SHEET

Doc. No.: QA-SS-005

Rev. No./Issue Date: 04/10.20.16

Effective Date: 10.20.16

Page: 2 of 3

Title: REFINED, BLEACHED AND DEODORIZED COCONUT OIL

Heavy Metals

µg/kg max.

Arsenic	ND
Cadmium	ND
Copper	ND
Lead	ND
Nickel	ND
Cobalt	ND
Chromium	ND
Mercury	ND
Barium	ND
Antimony	ND


Pesticides

Organo Chlorine	ND
Organo Phosphates	ND

Fatty Acid Composition*

Fatty Acid	Range (%)	Mean (%)
Caproic C6	0.4-0.6	0.5
Caprylic C8	6.9-9.4	7.8
Capric C10	6.2-7.8	6.7
Lauric C12	45.9-50.3	47.5
Myristic C14	16.8-19.2	18.1
Palmitic C16	7.7-9.7	8.8
Stearic C18	2.3-2.2	2.6
Oleic C18:1	5.4-7.4	6.2
Linoleic C18:2	1.3-2.1	1.6
C20	t-0.2	0.1
C20:1	t-0.2	t

*Not routinely done, if required acquire service of accredited external laboratories. ND: not detectable

 NEW DAVAO OIL MILL, INC.	PRODUCT SPECIFICATION SHEET	Doc. No.: QA-SS-005
		Rev. No./Issue Date: 04/10.20.16
		Effective Date: 10.20.16
		Page: 3 of 3
Title: REFINED, BLEACHED AND DEODORIZED COCONUT OIL		

Packaging

Per drum contains 190 Li
Per tanker contains 5 to 9 tons
Per Flexi Tank contains 19 tons
Per Paper IBC Tote Bags 900 Li


Storage and Shelf Life

Up to 12 months at the ambient temperature and stock to its specific storage tank.

Manufacturer

New Davao Oil Mill Inc.
Km. 14 Brgy. Ilang, Panacan
Davao City

Prepared by:


Debbie M. Abangan
Quality Assurance