

BOMAR

SPECIFICATION SHEET

PRODUCT NAME: BRAZIL NUT OIL, REFINED
PRODUCT INCI: BERTHOLLETIA EXCELSA SEED OIL
PRODUCT CODE: K0077
CAS NUMBER: 356065-50-4
EINECS NUMBER: 310-127-6
MANUFACTURING METHOD: COLD PRESSED & REFINED
SHELF LIFE: 18 MONTHS
DOCUMENTATION REVIEWED: 2021

ANALYTICAL DETAILS	RANGE %
APPEARANCE	OILY LIQUID
COLOUR	CLEAR – LIGHT YELLOW
COLOUR (LOVIBOND)	<30Y, 2.5R
ODOUR	ODOURLESS
RELATIVE DENSITY @ 20°C	0.890 – 0.950
SPECIFIC GRAVITY @ 20°C	1.460 – 1.480
SAPONIFICATION VALUE	150.0 – 210.0
UNSAAPONIFIABLE MATTER	<1.5
FREE FATTY ACID (% AS OLEIC)	<1.0
PEROXIDE VALUE	<10.0
IODINE VALUE	70.0 – 115.0

FATTY ACID PROFILE		RANGE %
C-CHAIN	ACID NAME	
C14:0	MYRISTIC	<2.0
C16:0	PALMITIC	12.0 – 17.0
C16:1	PALMITOLEIC	<1.5
C18:0	STEARIC	3.0 – 10.0
C18:1	OLEIC	30.0 – 45.0
C18:2	LINOLEIC	30.0 – 46.0
C18:3	LINOLENIC	<1.0
C20:0	ARACHIDIC	<1.0
C20:1	EICOSENOIC	<1.0

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