

# BOMAR

## SPECIFICATION SHEET

**PRODUCT NAME: WATERMELON SEED OIL, REFINED**

PRODUCT INCI: CITRULLUS LANATUS SEED OIL

PRODUCT CODE: K0482

CAS NUMBER: 90244-99-8

EINECS NUMBER: 290-802-9

MANUFACTURING METHOD: EXPELLER 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
SPECIFIC GRAVITY @ 20°C		0.915 – 0.930
REFRACTIVE INDEX @ 20°C		1.465 – 1.480
SAPONIFICATION VALUE		190.0 – 200.0
FREE FATTY ACID (% AS OLEIC)		<0.5
PEROXIDE VALUE		<10.0
IODINE VALUE		120.0 – 135.0

FATTY ACID PROFILE		RANGE %
<b>C-CHAIN</b>	<b>ACID NAME</b>	
C16:0	PALMITIC	8.0 – 15.0
C16:1	PALMITOLEIC	<0.5
C18:0	STEARIC	3.0 – 7.0
C18:1	OLEIC	15.0 – 32.0
C18:2	LINOLEIC	55.0 – 70.0
C18:3	LINOLENIC	<0.5

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