

# BOMAR

## SPECIFICATION SHEET

**PRODUCT NAME: CASTOR OIL, COLD PRESSED ORGANIC**

PRODUCT INCI: RICINUS COMMUNIS SEED

PRODUCT CODE: K0109

CAS NUMBER: 8001-79-4

EINECS NUMBER: 232-293-8

MANUFACTURING METHOD: COLD PRESSED

SHELF LIFE: 12 MONTHS

DOCUMENTATION REVIEWED: 2021

ANALYTICAL DETAILS		RANGE %
APPEARANCE		VISCOUS OILY LIQUID
ODOUR		CHARACTERISTIC
COLOUR		CLEAR – PALE YELLOW
SPECIFIC GRAVITY @ 20°C		0.954 – 0.980
REFRACTIVE INDEX @ 20°C		1.470 – 1.481
PEROXIDE VALUE (MEQ O <sub>2</sub> /KG)		<20.0
IODINE VALUE (G/100G)		82.0 – 90.0
ACID VALUE		<5.0
SAPONIFICATION VALUE (MG KOH/GR)		176.0 – 187.0
HYDROXL VALUE (MGKOH/G)		>150.0

FATTY ACID PROFILE		RANGE %
<b>C-CHAIN</b>	<b>ACID NAME</b>	
C16:0	PALMITIC	<2.0
C18:0	STEARIC	<2.5
C18:1	OLEIC	2.0 – 6.0
C18:1	RICINOLEIC	85.0 – 95.0
C18:2	LINOLEIC	1.0 – 7.0
C18:3	LINOLENIC	<1.0

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