

# BOMAR

## CERTIFICATE OF ANALYSIS

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

**Bomar Batch No: Q01314 (LOT NUMBER: LOT0009449)**

PRODUCT INCI: SALVIA HISPANICA SEED OIL

PRODUCT CODE: K0127

CAS NUMBER: 93384-40-8

EINECS NUMBER: 297-250-8

MANUFACTURING METHOD: COLD PRESSED

MANUFACTURING DATE: 02/12/2020

BEST BEFORE DATE: 02/06/2022

ANALYTICAL DETAILS		RANGE %	RESULTS
APPEARANCE		OILY LIQUID	-
ODOUR		CHARACTERISTIC	-
COLOUR		YELLOW - GOLDEN	-
REFRACTIVE INDEX @ 20°C		1.411 – 1.490	1.4620
SPECIFIC GRAVITY @ 20°C		0.920 – 0.935	0.930
PEROXIDE VALUE (MEQ O <sub>2</sub> / KG)		<20.0	4.43
IODINE VALUE		180.0 – 208.0	201.12
FREE FATTY ACID		<5.0	1.32

FATTY ACID PROFILE		RANGE %	RESULTS
<b>C-CHAIN</b>	<b>ACID NAME</b>		
C16:0	PALMITIC	3.0 – 10.0	6.65
C16:1	PALMITOLEIC	<1.0	0.1
C18:0	STEARIC	1.0 - 5.0	3.46
C18:1	OLEIC	5.0 – 9.0	7.79
C18:2	LINOLEIC	16.0 – 25.0	16.82
C18:3	LINOLENIC	41.0 - 65.0	61.0

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