

# BOMAR

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: CHIA SEED OIL, COLD PRESSED ORGANIC

LOT NUMBER: LOT0015441

PRODUCT INCI: SALVIA HISPANICA SEED OIL

PRODUCT CODE: **R0474** (K0127)

CAS NUMBER: 93384-40-8

EINECS NUMBER: 297-250-8

MANUFACTURING DATE: 25/05/22

BEST BEFORE DATE: 25/05/24

ANALYTICAL DETAILS	RANGE %	RESULT
APPEARANCE	OILY LIQUID	-
ODOUR	CHARACTERISTIC	-
COLOUR	YELLOW – GOLDEN – LIGHT BROWN	-
REFRACTIVE INDEX @ 20°C	1.411 – 1.490	1.4620
SPECIFIC GRAVITY @ 20°C	0.920 – 0.935	0.93
PEROXIDE VALUE (MEQ O <sub>2</sub> / KG)	<20.0	4.46
IODINE VALUE	180.0 – 208.0	201.1
FREE FATTY ACID	<5.0	1.44

FATTY ACID PROFILE		RANGE %	RESULT
C-CHAIN	ACID NAME		
C16:0	PALMITIC	3.0 – 10.0	6.65
C16:1	PALMITOLEIC	<1.0	<0.10
C18:0	STEARIC	1.0 - 5.0	3.46
C18:1	OLEIC	5.0 – 9.0	7.83
C18:2	LINOLEIC	16.0 – 25.0	16.75
C18:3	LINOLENIC	41.0 - 65.0	61.20

DATE	ISSUED BY	VERSION	REASON FOR UPDATE
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17/12/2021	F.C	3.0	Change in colour range
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