

CERTIFICATE OF ANALYSIS

PRODUCT NAME: MUSTARD SEED OIL, COLD PRESSED

Bomar Batch: R0126 (LOT NUMBER: LOT0015781)

PRODUCT INCI: BRASSICA ALBA SEED EXTRACT OIL

PRODUCT CODE: K0297

CAS NUMBER: 84929-33-9

EINECS NUMBER: 284-517-9

MANUFACTURING METHOD: COLD PRESSED.

MANUFACTURING DATE: 30/06/22

BEST BEFORE DATE: 30/12/23

ANALYTICAL DETAILS	RANGE %	RESULT
APPEARANCE	OILY LIQUID	-
ODOUR	CHARACTERISTIC, MUSTARD	-
COLOUR	PALE YELLOW – YELLOW - GOLDEN	-
REFRACTIVE INDEX @ 20°C	1.470 – 1.474	1.4728
SPECIFIC GRAVITY @ 20°C	0.912 – 0.928	0.912
FREE FATTY ACIDS (% AS OLEIC)	<2.0	0.24
ACID VALUE	<4.0	0.48
PEROXIDE VALUE (MEQ O ₂ / KG)	<20.0	2.64
IODINE VALUE	95.0 – 115.0	107.59

FATTY ACID PROFILE		RANGE %	RESULT
C-CHAIN	ACID NAME		
C14:0	MYRISTIC	<1.0	0.06
C16:0	PALMITIC	<4.5	2.16
C18:0	STEARIC	<2.0	1.01
C18:1	OLEIC	<32.0	9.91
C18:2	LINOLEIC	<24.0	15.16
C18:3	LINOLENIC	<18.0	9.55
C20:0	ARACHIDIC	<1.5	0.93
C20:1	EICOSENOIC	5.0 – 13.0	6.69
C22:0	BEHENIC	<2.5	1.34
C22:1	ERUCIC	22.0 – 50.0	46.59
C24:1	NERVONIC	0.5 – 3.0	2.19

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