



NHR ORGANIC OILS
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Certificate of Analysis Sheet Organic Mustard Seed Oil (*Brassica alba*)

PRODUCT NAME: MUSTARD SEED OIL, COLD PRESSED ORGANIC
BATCH NUMBER: 031225-2
PRODUCT INCI: BRASSICA ALBA SEED EXTRACT OIL
CAS NUMBER: 84929-33-9
EINECS NUMBER: 284-517-9
MANUFACTURING METHOD: COLD PRESSED.

ANALYTICAL DETAILS	RANGE %	RESULT
APPEARANCE	OILY LIQUID	COMPLIES
ODOUR	CHARACTERISTIC, MUSTARD	COMPLIES
COLOUR	PALE YELLOW – YELLOW - GOLDEN	COMPLIES
REFRACTIVE INDEX @ 20°C	1.470 – 1.474	COMPLIES
SPECIFIC GRAVITY @ 20°C	0.912 – 0.928	COMPLIES
FREE FATTY ACIDS (% AS OLEIC)	<2.0	COMPLIES
ACID VALUE	<4.0	0.5
PEROXIDE VALUE (MEQ O ₂ / KG)	<20.0	1.9
IODINE VALUE	95.0 – 115.0	100.0

FATTY ACID PROFILE		RANGE %	RESULT
C-CHAIN	ACID NAME		
C14:0	MYRISTIC	<1.0	< 1.0
C16:0	PALMITIC	<4.5	2.6
C18:0	STEARIC	<2.0	1.0
C18:1	OLEIC	<32.0	25.1
C18:2	LINOLEIC	<24.0	9.4
C18:3	LINOLENIC	<18.0	11.3
C20:0	ARACHIDIC	<1.5	< 1.5
C20:1	EICOSENOIC	5.0 – 13.0	8.9
C22:0	BEHENIC	<2.5	< 2.5
C22:1	ERUCIC	22.0 – 50.0	36.3
C24:1	NERVONIC	0.5 – 3.0	0.5

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with NHR Organic Oils regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations.