



NHR ORGANIC OILS
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Certificate of Analysis Sheet

Organic Broccoli Seed Oil

(*Brassica oleracea italica*)

BATCH NUMBER: 241122-1
PRODUCT INCI: BRASSICA OLERACEA ITALICA SEED OIL
CAS NUMBER: 223749-36-8
EINECS NUMBER: NOT LISTED
MANUFACTURING METHOD: COLD PRESSED

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	CHARACTERISTIC	-
COLOUR	YELLOW - GREEN	-
SPECIFIC GRAVITY @ 20°C	0.907 – 0.919	0.919
REFRACTIVE INDEX @ 20°C	1.461 – 1.475	1.472
PEROXIDE VALUE (MEQ O ₂ / KG)	<20.0	0.4
IODINE VALUE	86.0 – 120.0	101.2
ACID VALUE	<3.0	0.81
SAPONIFICATION VALUE	168. – 190.0	182.0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	<5.5	2.65
C18:0	STEARIC	<6.5	1.09
C18:1	OLEIC	<40.5	15.67
C18:2	LINOLEIC	<20.0	14.49
C18:3	LINOLENIC	<10.0	7.22
C20:1	EICOSENOIC	<13.0	8.62
C22:1	ERUCIC	30.0 – 50.0	45.64
C24:1	NERVONIC	<2.0	-

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