NHR ORGANIC OILS
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Certificate of Analysis Sheet
Organic Broccoli Seed Oil
(Brassica oleracea italica)

PRODUCT NAME: BROCCOLI SEED OIL COLD PRESSED ORGANIC
BATCH NUMBER: 081026-7
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	COMPLIES
ODOUR	CHARACTERISTIC	COMPLIES
COLOUR	YELLOW - GREEN	COMPLIES
SPECIFIC GRAVITY @ 20°C	0.907 – 0.919	0.918
REFRACTIVE INDEX @ 20°C	1.461 – 1.475	1.471
PEROXIDE VALUE (MEQ O_2/ KG)	<20.0	0.8
IODINE VALUE	86.0 – 120.0	99.0
ACID VALUE	<3.0	1.15
SAPONIFICATION VALUE	168. – 190.0	180.1

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	<5.5	2.86
C18:0	STEARIC	<6.5	1.40
C18:1	OLEIC	<40.5	17.72
C18:2	LINOLEIC	<20.0	15.57
C18:3	LINOLENIC	<10.0	7.35
C20:1	EICOSENOIC	<13.0	11.60
C22:1	ERUCIC	30.0 – 50.0	43.25
C24:1	NERVONIC	<2.0	<2.0

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.