



24 CHATHAM PLACE, BRIGHTON, BN1 3TN (UK)  
TEL. (UK) 0845 310 8066 International Tel. +44 1273 746505  
EMAIL: [info@nhrorganic oils.com](mailto:info@nhrorganic oils.com) Web Site: [www.nhrorganic oils.com](http://www.nhrorganic oils.com)

## Certificate of Analysis Sheet

### Organic Broccoli Seed Oil

(*Brassica oleracea italica*)

<b>PRODUCT NAME: BROCCOLI SEED OIL, COLD PRESSED ORGANIC</b>
<b>Batch Number: 250320-3</b>
PRODUCT INCI: BRASSICA OLERACEA ITALICA OIL
CAS NUMBER: 223749-36-8
EINECS NUMBER: NOT AVAILABLE
MANUFACTURING METHOD: COLD PRESSED
MANUFACTURING DATE: 31/10/2019
BEST BEFORE DATE: 30/04/2021

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	CHARACTERISTIC	-
COLOUR	YELLOW - GREEN	-
SPECIFIC GRAVITY @ 20°C	0.907 – 0.919	0.910
REFRACTIVE INDEX @ 20°C	1.461 – 1.475	1.471
PEROXIDE VALUE (MEQ O <sub>2</sub> / KG)	<20.0	10.0
IODINE VALUE	86.0 – 120.0	92
ACID VALUE	<3.0	2.98
SAPONIFICATION VALUE	168.0 – 190.0	175

FATTY ACID PROFILE		RANGE %	RESULTS
<b>C-CHAIN</b>	<b>ACID NAME</b>		
C16:0	PALMITIC	<5.5	2.7
C18:0	STEARIC	<6.5	1.3
C18:1	OLEIC	<40.5	15.5
C18:2	LINOLEIC	<18.5	13.1
C18:3	LINOLENIC	<8.0	5.6
C20:1	EICOSENOIC	<11.0	10.5
C22:1	ERUCIC	30.0 – 50.0	44.3

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.  
The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission from NHR Organic Oils