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Certificate of Analysis Sheet

Organic Broccoli Seed Oil

(*Brassica oleracea italica*)

BATCH NUMBER: 120121-1
ORIGIN: GERMANY
PRODUCT INCI: BRASSICA OLERACEA ITALICA OIL
CAS NUMBER: 223749-36-8
EINECS NUMBER: NOT AVAILABLE
MANUFACTURING METHOD: COLD PRESSED
MANUFACTURING DATE: 02/10/2020

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	1.472
PEROXIDE VALUE (MEQ O ₂ / KG)	<20.0	10.0
IODINE VALUE	86.0 – 120.0	94
ACID VALUE	<3.0	1.62
SAPONIFICATION VALUE	168.0 – 190.0	175

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	<5.5	2.8
C18:0	STEARIC	<6.5	1.2
C18:1	OLEIC	<40.5	16.1
C18:2	LINOLEIC	<18.5	13.8
C18:3	LINOLENIC	<8.0	6.3
C20:1	EICOSENOIC	<11.0	10.0
C22:1	ERUCIC	30.0 – 50.0	43.0

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