

AKÖMA™

FROM THE HEART

CERTIFICATE OF ANALYSIS BROCCOLI SEED OIL ORGANIC

DESCRIPTION

PRODUCT: BROCCOLI SEED OIL ORGANIC, COLD PRESSED

INCI NAME: BRASSICA OLERACEA ITALICA OIL

CAS No: 223749-36-8

EINECS No: NOT AVAILABLE

MANUFACTURING METHOD: COLD PRESSED

CHARACTERISTICS

ANALYTICAL DETAILS	RANGE %	RESULT
APPEARANCE	OILY LIQUID	CONFORMS
ODOUR	CHARACTERISTIC	CONFORMS
COLOUR	YELLOW – GREEN	CONFORMS
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	ACID NAME	RANGE %	RESULTS
C-CHAIN			
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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