

CERTIFICATE OF ANALYSIS

PRODUCT NAME: FLAX SEED OIL, COLD PRESSED

LOT NUMBER: **R0510** (LOT0018481)

PRODUCT INCI: LINUM USITATISSIMUM SEED OIL

PRODUCT CODE: K0186

CAS NUMBER: 8001-26-1

EINECS NUMBER: 232-278-6

MANUFACTURING METHOD: COLD PRESSED

MANUFACTURING DATE: 19/04/2023

BEST BEFORE DATE: 19/10/2024

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	CHARACTERISTIC	-
COLOUR	YELLOW – GOLDEN – LIGHT BROWN	-
REFRACTIVE INDEX @ 20°C	1.470 – 1.485	1.480
SPECIFIC GRAVITY @ 20°C	0.910 – 0.932	0.921
ACID VALUE	<4.5	2.3
PEROXIDE VALUE (MEQ O ₂ / KG)	<20.0	3.5
IODINE VALUE	160.0 – 220.0	196.0
FREE FATTY ACID	<2.25	1.15

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	3.0 – 10.0	6.0
C18:0	STEARIC	2.0 - 9.0	4.7
C18:1	OLEIC	13.0 – 35.0	18.9
C18:2	LINOLEIC	10.0 – 20.0	20.3
C18:3	LINOLENIC	35.0 - 71.0	50.0

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