



CERTIFICATE OF ANALYSIS

PRODUCT NAME: FLAX SEED OIL, COLD PRESSED

LOT NUMBER: LOT0007652

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: 05/08/2020

BEST BEFORE DATE: 05/02/2022

ANALYTICAL DETAILS		RANGE %	RESULTS
APPEARANCE	OILY LIQUID		-
ODOUR	CHARACTERISTIC		-
COLOUR	YELLOW – GOLDEN – LIGHT BROWN		-
REFRACTIVE INDEX @ 20°C	1.470 – 1.485		1.477
SPECIFIC GRAVITY @ 20°C	0.910 – 0.932		0.921
ACID VALUE	<4.5		0.72
PEROXIDE VALUE (MEQ O ₂ / KG)	<20.0		2.4
IODINE VALUE	160.0 – 220.0		190.0
FREE FATTY ACID	<2.25		1.12

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	3.0 – 10.0	5.9
C18:0	STEARIC	2.0 - 8.0	4.7
C18:1	OLEIC	11.0 – 35.0	19.7
C18:2	LINOLEIC	11.0 – 25.0	15.4
C18:3	LINOLENIC	35.0 - 71.0	53.3
C20:0	ARACHIDIC	<1.0	-