

AKÖMA™

FROM THE HEART

CERTIFICATE OF ANALYSIS FLAXSEED OIL ORGANIC

DESCRIPTION

PRODUCT: FLAXSEED OIL ORGANIC, COLD PRESSED
INCI NAME: LINUM USITATISSIMUM SEED OIL
CAS No: 8001-26-1
EINECS No: 232-278-6
MANUFACTURING METHOD: COLD PRESSED

CHARACTERISTICS

ANALYTICAL DETAILS	RANGE %	RESULT
APPEARANCE	OILY LIQUID	CONFORMS
ODOUR	CHARACTERISTIC	CONFORMS
COLOUR	YELLOW – GOLDEN – LIGHT BROWN	CONFORMS
REFRACTIVE INDEX @ 20°C	1.470 – 1.485	1.482
SPECIFIC GRAVITY @ 20°C	0.910 – 0.932	0.925
ACID VALUE	<4.5	1.26
PEROXIDE VALUE (MEQ O ₂ / KG)	<20.0	1.26
IODINE VALUE	160.0 – 220.0	185.6
FREE FATTY ACID	<2.25	CONFORMS

FATTY ACID PROFILE	ACID NAME	RANGE %	RESULTS
C-CHAIN			
C16:0	PALMITIC	3.0 – 10.0	5.52
C18:0	STEARIC	2.0 - 8.0	3.0
C18:1	OLEIC	11.0 – 39.0	15.2
C18:2	LINOLEIC	11.0 – 30.0	15.1
C18:3	GAMMA LINOLENIC	35.0 - 71.0	57.9
C20:0	ARACHIDIC	<1.0	0.33