

CERTIFICATE OF ANALYSIS

PRODUCT NAME: MEADOWFOAM SEED OIL, REFINED

Batch: S0320 LOT0017482)

PRODUCT INCI: LIMNANTHES ALBA SEED OIL

PRODUCT CODE: K0290

CAS NUMBER: 153065-40-8

EINECS NUMBER: 310-127-6

MANUFACTURING METHOD: COLD PRESSED & REFINED

MANUFACTURING DATE: 14/02/2024

BEST BEFORE DATE: 14/02/2026

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	CLEAR - LIGHT YELLOW - GOLDEN OILY LIQUID	-
ODOUR	ODOURLESS	-
GARDNER	<4.0	1.0
SPECIFIC GRAVITY @ 20°C	0.900 – 0.920	0.910
REFRACTIVE INDEX @ 20°C	1.465 – 1.480	1.4708
SAPONIFICATION VALUE	164.0 – 176.0	167.96
UNSATURIFIABLE MATTER	<1.0	< 1.0
FREE FATTY ACID (% AS OLEIC)	<0.05	0.04
ACID VALUE	<0.1	0.08
PEROXIDE VALUE	<10.0	0.20

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C20:1	DELTA 5	58.0– 64.0	63.8
C22:1	DELTA 5	3.0 - 6.0	4.6
C22:1	DELTA 13	10.0 – 14.0	14.0
C22:2	DELTA 5 & 13	15.0 – 21.0	15.7

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