

The Essentially Natural Domain (Pty) Ltd | Reg. No. 2014/170069/07
 Unit 14, Duville Business Park, 8 Arum Lily Street, Durbanville, Cape Town, South Africa 7550
www.essentiallynatural.co.za (T) 021 976 9116 (E) support@essentiallynatural.co.za

CERTIFICATE OF ANALYSIS

Product Name:	Meadowfoam Seed Oil CP & Refined	Batch No:	0018660
INCI:	<i>Limnanthes alba seed oil</i>	Country of Origin:	UK
Cas No:	153065-40-8	Einecs No:	310-127-6
Manufacturing Date:	04 May 2023	Expiry Date:	04 May 2025
Manufacturing method:	Cold Pressed & Refined		
Retest:	Suggested one month prior to expiry. (Customer's responsibility)		

Analytic Details	Range %	Results
Appearance	Clear – light yellow – golden oily liquid	-
Odour	Odourless	-
Gardner	<4.0	1.9
Specific gravity @ 20°C	0.900-0.920	0.915
Refractive index @ 20°C	1.465-1.480	1.4721
Saponification value	164.0-176.0	167.46
Unsaponifiable matter	<1.0	<1.0
Free fatty acid (% as Oleic)	<0.05	0.04
Acid value	<0.1	0.0
Peroxide value	<10.0	0.20

Fatty acid profile		Range	Results
C-Chain	Acid name		
C20:1	Delta 5	58.0-64.0	63.6
C22:1	Delta 5	3.0-6.0	4.4
C22:1	Delta 13	10.0-14.0	13.3
C22:2	Delta 5 & 13	15.0-21.0	18.2

Handling and Storage	
Safe handling	Handle in accordance with good hygiene and safety practice. Keep containers sealed when not in use. Prevent spills & leaks to avoid slip hazards. Always wear personal protective clothing (refer to section 8). Do not eat, drink, sniff or smoke whilst handling this product. Provide suitable mechanical equipment for the safe handling of drums & heavy packages.
Safe storage	Keep the product container tightly closed, in a dry, ventilated area (at temperatures <20°C). Keep away from potential sources of ignition and protected from light. Maintain limited contact with oxygen.



Signed: 14 November 2023