



Supplies for Candles Ltd
Unit E Swinton Bridge Industrial Estate
Whitelee Road
Swinton
South Yorkshire
S64 8BH
UK
Telephone: 01709 257151
customerservice@suppliesforcandles.co.uk

CERTIFICATE OF ANALYSIS

PRODUCT NAME & SKU: Oat Kernel Oil – Unrefined OIL016

Product Name:	Oat Kernel Oil Unrefined		
Customer:	Soap Supplier	Customer Ref:	
Date:	28/02/2024	Batch no:	46726/01

Analytical Test	Specification	Result
Appearance	Clear oily liquid, golden amber	Conforms
Odour	Characteristic	Conforms
Specific Gravity @ 20°C (g/ml)	0.910 – 0.930	0.923
Refractive Index @ 20°C	1.460 – 1.480	1.475
Acid value (mgKOH/g)	≤ 10.0	0.97
Iodine value (mg/g)	120 – 140	131.0
Peroxide value (Meq/kg)	≤ 10.0 (at time of production analysis)	1.50
Fatty Acid Profile (%)		
C16:0 Palmitic Acid	11.0 – 20.0	11.80
C16:1 Palmitoleic Acid	≤ 1.0	< 0.1
C18:0 Stearic Acid	0.0 – 3.6	2.65
C18:1 Oleic Acid	12.0 – 38.0	24.55
C 18:2 Linoleic Acid	40.0 – 60.0	53.33
C 18:3 Linolenic Acid	4.0 – 10.0	6.58
C 20:0 Arachidic Acid	≤ 1.0	0.20
C 20:1 Eicosenoic Acid	≤ 2.0	0.63
Packing date:		02 / 2024
Recommended re-test date:		08 / 2025
Commercial Expiry date:		02 / 2026

Storage

Shelf life of this product is influenced by many conditions of which temperature, exposure to light / air and general good storage are the major factors. Material stored in adverse conditions may deteriorate much faster. Our suggested "Re-test" date shown on this certificate reflects a minimum period in which we would expect product to remain in good usable conditions if stored as recommended. Thereafter its continued shelf life may be very much longer and we advise re-test at the indicated date and then every 3-6 months up to a suggested commercial expiry date as shown below. The expiry date is subjective and should be controlled by QC/QA. Typical indicators of re-test failure would be changes in organoleptic properties (clarity / colour / sediment / haze / off odour etc) Such changes may be gradual and slight and the commercial expiry date is intended to reflect a viable maximum proposal subject to earlier re-test approvals