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CERTIFICATE OF ANALYSIS

PRODUCT NAME & SKU: Apricot Kernel Oil OIL051

Product Name:	Apricot Kernel Oil		
Customer:	Soap Supplier	Customer Ref:	
Date:	10/05/2024	Batch no:	47226-01

Analytical Test	Specification	Result
Appearance	Clear liquid pale yellow to yellow	Conforms
Odour	Almost odourless	Conforms
Colour (Lovibond 5.25" Cell)	≤40y, 4.0r	Conforms
Specific Gravity @ 20°C (g/ml)	0.910 - 0.920	0.917
Refractive Index @ 20°C	1.455 - 1.480	1.471
Acid value (mgKOH/g)	≤ 2.0	0.10
Free Fatty Acid (% As Oleic)	≤ 1.0	0.05
Iodine value (mg/g)	90.0 - 115.0	100.0
Saponification value (mgKOH/g)	185.0 - 200.0	189.0
Peroxide value (Meq/kg)	≤ 10.0 (at time of production analysis)	1.2
Fatty Acid Profile (%):		
C 16:0 Palmitic Acid	3.0 - 8.0	5.1
C 16:1 Palmitoleic Acid	≤ 1.4	0.2
C 18:0 Stearic Acid	≤ 5.0	3.0
C 18:1 Oleic Acid	55.0 - 72.0	64.4
C 18:2 Linoleic Acid	20.0 - 35.0	25.6
C 18:3 Alpha Linolenic Acid	≤ 1.0	0.1
Packing Date:		05 / 2024
Recommended re-test date:		10 / 2025
Commercial Expiry date:		05 / 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