

CERTIFICATE OF ANALYSIS

Product Name	Sweet Almond Oil
INCI Name	Prunus Amygdalus Dulcis Oil
CAS Number	8007-69-0
Lot Number	LOT0023269
Manufacture Date	05/2026
Re-test Date	05/2028
Quality	Expeller Pressed

PROPERTIES	SPECIFICATIONS	RESULTS
Appearance	Pale Yellow - Clear Oily Liquid	CONFOMRS
Odour	Odourless	CONFOMRS
Colour Lovibond (5.25" CELL)	≤ 25Y, 2.5R	5.0Y, 1.0R
Specific Gravity @ 20°C	0.910 – 0.915	0.912
Refractive Index @ 20°C	1.470 – 1.473	1.470
Free Fatty Acids (% oleic)	≤ 1.0	0.10
Peroxide Value (meq O₂/kg)	< 10.0	<1.0
Iodine Value (calc)	95 – 102	95.0
Acid Value	<2.0	0.20
Saponification Value (mg KOH/gr)	188.00 – 196.00	190.0

FATTY ACID COMPOSITION:

<u>FATTY ACID</u>	<u>C-CHAIN</u>	<u>SPECIFICATIONS (%)</u>	<u>RESULTS (%)</u>
Palmitic Acid	C16:0	4.00 – 9.00	4.84
Palmitoleic Acid	C16:1	0.60 MAX	0.20
Margaric Acid	C17:0	0.10 MAX	<1.0
Stearic Acid	C18:0	4.00 MAX	2.67
Oleic Acid	C18:1	60.00 - 75.00	77.72
Linolenic Acid	C18:2	20.00 - 30.00	22.86
Behenic Acid	C22:0	0.90 MAX	0.77

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight.
When stored for more than 24 months, quality should be checked before use.

As it is electronically generated document, hence no signature required.

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