

CERTIFICATE OF ANALYSIS

Product Name	Sweet Almond Oil
INCI Name	Prunus Amygdalus Dulcis Oil
CAS Number	8007-69-0
Lot Number	LOT0021165
Manufacture Date	07/2025
Re-test Date	07/2027
Quality	Expeller Pressed

PROPERTIES	SPECIFICATIONS	RESULTS
Appearance	Pale Yellow - Clear Oily Liquid	CONFOMRS
Odour	Odourless	CONFOMRS
Colour Lovibond (5.25" CELL)	≤ 25Y, 2.5R	4.0Y, 0.8R
Specific Gravity @ 20°C	0.910 – 0.915	0.915
Refractive Index @ 20°C	1.470 – 1.473	1.4715
Free Fatty Acids (% oleic)	≤ 1.0	0.05
Peroxide Value (meq O₂/kg)	< 10.0	0.70
Iodine Value (calc)	95 – 102	102.0
Acid Value	<2.0	0.1
Saponification Value (mg KOH/gr)	188.00 – 196.00	189.3

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	5.40
Palmitoleic Acid	C16:1	0.60 MAX	0.20
Margaric Acid	C17:0	0.10 MAX	0.00
Stearic Acid	C18:0	4.00 MAX	2.90
Oleic Acid	C18:1	60.00 - 75.00	62.10
Linolenic Acid	C18:2	20.00 - 30.00	28.20
Behenic Acid	C22:0	0.90 MAX	0.70

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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