



Shay and Company

Supplier of Wholesale Oils, Butters, Waxes, Candle Supplies
and Essential Oils

Sweet Almond Oil

Lot# RAO220624-2

Country of Origin: USA

Manufacture Date: 7/2022

Expiration Date: 07/2025

Ingredient Name (INCI): Prunus Amygdalus Dulcis (Sweet Almond Oil)

Composition: 100% Sweet Almond Oil

Packaging: Drums, Pails, Buckets

Description: Clear to light amber liquid, oily, almost odorless. Characteristic bland taste.

Applications: Skincare, Soap Manufacturing, Food

CAS no: 8007-69-0

Certificates: non-GMO

Saponification Value: 190-200

Flash Point: >280°/536°F

Method of Extraction: Cold Process

Plant Part Used: Ripe Seeds

Vegan: Yes

Gluten Free: Yes

Allergen: Almonds

Food Grade: Yes

Properties/Analysis	Result	Specification
Acid Value	0.1 mg KOH/g	Max 0.5
Peroxide Value	0.80 meq O ₂ /kg	Max 5.0
Color Gardner	2.2	
Color 5-1/4" Lovibond	2.5 R, 24.2Y, 0.2B	
Refractive Index	1.4719 @ 20°C	1.471-1.472
Fatty Acid Composition:	%	%
<C 16: 0	0.06	<c 16:0 max 0.1
Palmitic Acid C16:0	6.62	4.00 - 9.00
Palmitoleic Acid C16:1	0.55	Max 0.8
Margaroleic C17:1	0.09	Max 0.2
Stearic C18:0	1.93	Max 3

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Oleic C18:1	64.77	62-76
Linoleic C18:2	27.43	20-30
Linolenic C18:3	0.24	Max 0.4
Arachidic C20:0	0.03	Max 0.2
Eicosenoic C20:1	0.13	Max 0.3
Behenic C22:0	0.01	Max 0.2
Erucic C22:1	0	Max 0.1

Sterol Composition	%	%
Cholesterol	<0.7	Max 0.7
Brassicasterol	<0.3	Max 0.3
Campesterol	<5.0	Max 5
Stigmasterol	<4.0	Max 4
B-Sitosterol	78.0	73-87
5-Avenasterol	>5.0	Min 5
7-Avenasterol	<3.0	Max 3
7-Stigmasterol	<3.0	Max 3

Other not analyzed but specified parameters	Result	Specifcation
Unsaponifiable matter	< 0.90%	Max 0.9%
Specific Gravity	Ca. 0.912	0.910-0.915

Shelf life is guaranteed for two years from time of manufacture when stored in original, unopened container between 59° F to 86°F and protected from light. Shay and Company diligently sources and provides the highest quality ingredients, but it is the customer's responsibility to ensure the products purchase from Shay and Company meets their expectations. Any additional testing will be the responsibility of the customer.