



Shay and Company

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

Sesame Oil, Refined

Lot# 8510

Country of Origin: Mexico

Manufacture Date: 01/2023

Expiration Date: 01/2026

Ingredient Name (INCI): Sesamum Indicum (Sesame Oil)

Composition: 100% Sesame Oil

CAS no: 8008-74-0

Packaging: Drums, Pails, HDPE Jugs, Amber Glass Bottles

Description: Light amber oil; characteristic of oil but no sesame odor

Applications: Skincare, Soap Manufacturing, Food

Certificate/Grade: non-GMO

Method of Extraction: Expeller Pressed

Plant Part Used: Seed

Vegan: Yes

Gluten Free: Yes

Allergen: This is considered a highly refined oil and is exempt as a major food allergy

Food Grade: Yes

Properties	Result	Range/Limit	UOM	Test Method
Appearance at 20°C	Pass	Bright and clear oily liquid		Visual
Color	Pass	Pale Yellow		Visual
Color Gardner	2.50	Max 4		AOCS Td 1a-64
Specific Gravity at 25°C	0.92	0.912 - 0.921	g/ml	AOCS Cc 10a-25
Saponification Value	193.03	188 - 195	mg KOH/g	USP 401
Unsaponifiable Matter	0.45	Max 1.5	%	USP 401
Free Fatty Acids	0.06	Max 2	mL 0.020N NaOH	USP 401
Iodine Value	112.27	103 - 116	g I/100g	USP 401
Peroxide Value	1.88	Max 10	mEq/kg	AOCS cd 8-53
Solidification Temp of Fatty Acids	Pass	20 - 25	°C	USP 401
Absence of Cottonseed Oil	Pass	Meets Requirements		USP
Water Determination, Method Ic	0.02	Max 0.1	%	USP 921
Alkaline Impurities	<0.1	Max 0.1	mL 0.01N HCl	USP

SHAY AND COMPANY
10639 SE FULLER RD
PORTLAND, OR 97222

WWW.SHAYANDCOMPANY.COM
PH: 503-653-1155
EMAIL: ORDERS@SHAYANDCOMPANY.COM



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Elemental Impurities	Pass	Conforms to limits of USP 232	USP 233
Residual Solvents	Pass	No class 1,2,3 or any other residual solvents	
Cold Test at 0°C, Min 5.5 hours	Pass	Clear	AOCS Cc 11-53

Triglyceride Profile	Pass	Meets Requirements	UOM	USP
LLL	16.07	7.0 - 19.0	%	USP
OLL	20.73	13.0 - 30.0	%	USP
PLL	7.25	5.0 - 9.0	%	USP
OOL	15.08	14.0 - 25.0	%	USP
POL	8.28	8.0 - 16.0	%	USP
OOO	12.73	5.0 - 14.0	%	USP
SOL	3.64	2.0 - 8.0	%	USP
POO	5.34	2.0 - 8.0	%	USP

Shelf life is guaranteed for three 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.