



Shay and Company

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

Rice Bran Oil, RBDW

Lot#8148

Country of Origin: Mexico

Manufacture Date: 02/2022

Expiration Date: 02/2025

Ingredient Name (INCI): Oryza Sativa (Rice Bran Oil)

Packaging: Drums, Pails, Buckets

Description: Amber to brown liquid, oily, almost odorless. Characteristic bland taste.

Applications: Skincare, Soap Manufacturing

CAS no: 68553-81-1

Certificates: Kosher, non-GMO

Method of Extraction: Solvent Extracted

Residual Solvents: Hexane- Less than 2ppm in finished product

Plant Part Used: Rice Kernel

Ingredient Composition: 100% Rice Bran Oil

Vegan: Yes

Gluten Free: Yes

Allergen: Rice bran is derived from rice. The oil meets the FDA's criteria as a highly refined oil and is exempt as a major food allergen.

Food Grade: Yes

Saponification Value: 180-190

Flash Point: >300°C/572°F

Boiling Point: No data

Refined, bleached and deodorized: Yes

Property/Analysis	Result	Range/Limit	UOM	Test Method
Color Lovibond Red	1.9	Max 2.0		AOCS Cc 13B-45
Moisture and Impurities	0.01	Max 0.1	%	AOCS Cc 2c-25
Free Fatty Acid Value	0.07	Max 0.2	%	AOCS Aa 6-38
Iodine Value	101.21	99-110	g l/100g	AOCS Cd 1c-85 (97)
Peroxide Value	0.58	Max 10.00	mEq/kg	AOCS Cd 8-53
Solidification of Fatty Acids	Pass	20-25	Celcius	AOCS Cc 12-59
Cold Test @ 5° C, min 5 hours	Pass	Remains Clear		AOCS Cc 11-53

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Fatty Acid Composition	Result	Range/Limit	UOM	Test Method
Myristic Acid C14:0	0.23	Max 1.0	%	AOCS Ce 1b-89
Palmitic Acid C16:0	15.33	12.0 - 18.0	%	AOCS Ce 1b-89
Stearic Acid C18:0	2.37	0.5 - 3.0	%	AOCS Ce 1b-89
Oleic Acid C18:1	44.16	40.0 - 50.0	%	AOCS Ce 1b-89
Linolic Acid C18:2	34.64	29.0 - 42.0	%	AOCS Ce 1b-89
Linolenic Acid C18:3	0.95	Max 2.0	%	AOCS Ce 1b-89

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.