



## Shay and Company

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

### Rice Bran Oil, RBDW

Lot#062501005

Country of Origin: China

Manufacture Date: 01/2025

Expiration Date: 01/2028

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

**Ingredient Composition:** 100% Rice Bran Oil

**CAS no:** 68553-81-1

**Packaging:** Drums, Pails, Buckets

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

**Applications:** Skincare, Soap Manufacturing

**Certificates:** Kosher, non-GMO

**Method of Extraction:** Solvent Extracted

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

**Plant Part Used:** Rice Kernel

**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

**Prop 65:** No

| Property/Analysis             | Result   | Range/Limit   | UOM      | Test Method        |
|-------------------------------|----------|---------------|----------|--------------------|
| Color Lovibond                | 2.2R/30Y | 5R/50Y        |          | AOCS Cc 13B-45     |
| Oryzanol                      | 5400     |               | Ppm      |                    |
| Free Fatty Acid Value         | 0.01     | Max 0.2       | %        | AOCS Aa 6-38       |
| Iodine Value                  | 107.2    | 99-110        | g l/100g | AOCS Cd 1c-85 (97) |
| Peroxide Value                | 0.3      | 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   |
|------------------------|--------|-------------|-----|---------------|
| Palmitic Acid C16:0    | 16.6   | 12-23       | %   | AOCS Ce 1b-89 |
| Stearic Acid C18:0     | 1.2    | 0.5 - 3.0   | %   | AOCS Ce 1b-89 |
| Oleic Acid C18:1       | 39     | 40.0 - 50.0 | %   | AOCS Ce 1b-89 |
| Linolic Acid C18:2     | 37.1   | 29.0 - 42.0 | %   | AOCS Ce 1b-89 |
| Linolenic Acid C18:3   | 1      | 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.