



ARIYAN INTERNATIONAL INC.  
Bringing Businesses Together

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## STANDARD SPECIFICATION OF REFINED BLEACHED DEODORIZED (RBD) CANOLA OIL

### Description:

**Canola Oil** or Canola for short is a Vegetable Oil derived from Rapeseed that is low in *Erucic acid*, as opposed to Colza Oil. There are both Edible and Industrial forms produced from the seed of any of several plant families like "*Cultivars*" and "*Brassicaceae*" which they are referred to as "Canola". Consumption of the oil has become common in industrialized nations. It is considered safe for people to eat and has relatively low amount of saturated fat, a substantial amount of monounsaturated fat, with roughly Mono to Poly – Unsaturated fats ratio. It is also used as a source of Biodiesel.

### Ingredients & Application:

It is 100% pure Canola oil. No additives or ingredients. It is excellent medium for Cooking, Stir and Deep Frying. It is suitable for consumer usage.

### Shelf Life:

18 months from production when stored in original packaging at 25 °C (77 °F) max and humidity at 65% max. Please keep away from direct sunlight and odoriferous materials.

### Available Sizes:

We are offering multiple packaging options for Retail and Industrial consumers. Our packaging solutions have several advantages that extend shelf life, improve cost savings, lower pack weight and freight cost savings. We can ship RBD Canola Oil in 1 & 2 Liters in Pet Bottles 5, 16, 20 & 25 Liters of Jerry cans, Steel and Plastic Drum in 190/Kgs. and Flexi-Bag 21/MT. We can also ship in IBC Tote 1/MT.

### Recommended Storage Conditions:

- <> Store in an ambient temperature and kept at a dry place.
- <> Avoid direct exposure to sunlight.
- <> Product in carton that has been opened should be used as soon as possible.



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**Product Specification:**

PARAMETER	TECHNICAL SPECIFICATION		
	100% RBD CANOLA OIL		
Free Fatty Acid (As Oleic Acids %)	0.05 % Max.		
Peroxide Value (mEq/kg)	0.5 Max.		
Moisture & Impurities	0.01 Max.		
Iodine Value (Wijs)	100 – 126		
Refractive Index: 20 °C	1.427 – 1.475		
40 °C	1.465 – 1.468		
Saponification Index	182 – 193		
Smoke Point	230 °C		
Flash Point	280 °C		
Fire Point	310 – 370 °C		
PHYSICAL ANALYSIS			
Appearance	Clear, Pale, Yellow liquid, No foreign materials		
Taste/Flavor	Neutral		
Smell	Bland		
Lovibond Color	1.5 Max.		
Cold Test	Clear after 12 hrs. Min.		
Density at 20 °C	915 – 920 g/L		
Viscosity Kinematic at 20 °C	78 mm <sup>2</sup> /sec		
Microbiological Requirements:	Canola oil does not provide a suitable enjoyment for microbiological growth. It contains less than 0.05 % moisture. Therefore, this lack of moisture provides an environment which it is not suitable to microorganisms.		
Total Plate Count	0.0 UFC/g Max.		
Total Yeast & Mold	0.0 UFC/g Max.		
Coliform	Negative		
E. Coli	Negative		
S. aureus	Negative		
Fatty Acid Methylene Profile	Myristic	C:14:0	0.05 – 0.2
	Palmitic	C:16:0	4.0 – 8.0
	Palmitoleic	C:16:1	0.1 – 0.6
	Stearic	C:18:0	1.1 – 2.5
	Oleic	C:18:1	52.0 – 66.9
	Linoleic	C:18:2	17.0 – 27.0
	Linolenic	C:18:3	4.0 – 14.0
	Arachidic	C:20:0	0.4 – 1.0
	Gadoleic	C:20:1	1.0 – 2.0
	Bennehic	C:22:0	1.0 – 2.0

\* At the time of shipment.



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**Nutritional Information:**

**Nutritional Facts**

Serving Size 1 Tablespoon (4.5g) Servings

**Amount Per Serving**

**Calories 40**

Calories from Fat 40

	<b>*Daily</b>	<b>Value*</b>
<b>Total Fat</b> 4.5g		6%
– Saturated Fat 0.3g		1%
– Monounsaturated Fat 2.8g		
– Polyunsaturated Fat 1.2g		
– Trans Fat 0.1g		
<b>Cholesterol</b> 0mg		0%
<b>Sodium</b> 0mg		0%
<b>Total Carbohydrate</b> 0mg		0%
– Dietary Fiber 0g		0%
– Sugar 0g		
<b>Protein</b> 0g		0%
<b>Vitamin A</b> 0%		Vitamin C 0%
<b>Calcium</b> 0%		Iron 0%
<b>Vitamin D</b> 0%		Vitamin B6 0%
<b>Vitamin B12</b> 0%		Magnesium 0%

\* Percent Daily Values are based on 2,000 Calories diet. Your Daily Value may be higher or lower depending on your calories needs.

*Specifications are subjected to change without prior notice as our company practices continuous product improvement.*

**Shelf Life Recommendation:**

Store product and maintain its temperature in a cool (70 – 80 °F), dry area away from odor causing substances.

All information herein is considered to be confidential. Solid Fat Content analysis has been statistically evaluated to establish the new specification. There may be some minor corrections/modifications made as new data becomes available. All physical and chemical analyses are determined as packed.

The information given above is, to the best of the company’s knowledge and belief, accurate and reliable. It is the user’s responsibility to satisfy himself as to the suitability of such information for his own particular use.