

SUNF Sunflower Oil

TECHNICAL SPECIFICATION

Document number: TS-01
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Product Name: *SUNF* Sunflower
Description: Cold-pressed sunflower oil

Items Analyzed	Specification	Test Method
Chemical Composition		
Iodine value	70 – 150 g/ 100 g oil	AOCS Cd 1c-85 or equivalent
Peroxide value equivalent	≤ 5 meq/kg	AOAC Cd 8b – 90 modified or equivalent
Moisture	≤ 0.5%	AOCS Ca 2b-38 or equivalent
Free fatty acids	≤ 2 %	AOCS Ca 5a-40 modified or equivalent, expressed as oleic acid

Physical Properties:
Appearance: Yellow / light brown / green in color Visual

Heavy Metal Analysis:
Lead (Pb): ≤ 0.1 ppm ICP-MS or equivalent
Arsenic (As): ≤ 0.1 ppm ICP-MS or equivalent

Microbiological Analysis:
Enterobacteriaceae: ≤ 10 CFU/mL USP <2021> or equivalent
Salmonella: Negative USP <2022> or equivalent

Shelf-Life: 24 months from the date of manufacturing when properly stored in a closed container in a cool dry place away from direct sources of light, heat and oxidizers.

Packaging: 1,000 L tote

Safety: Safe, non-toxic

Label Declaration: Sunflower oil



Certifications: Kosher certified, Halal, Non-GMO Project Verified, FSSC 22000

Source: Non-GMO Canadian sunflower seed

Allergen Statement: **SUNF** sunflower oil does not contain eggs, milk, mustard, peanuts, seafood (fish, crustaceans, shellfish), sesame, soy, sulphites, tree nuts and wheat.

Typical Nutritional Data per 15ml

Proteins	0 g
Moisture	0 g
Carbohydrates	0 g
Dietary Fiber	0 g
Total Sugars	0 g
Total Fat	13 g
Saturated	1 g
Trans	0 g
Polyunsaturated	3 g
Omega-6	3 g
Omega-3	0 g
Monounsaturated	9 g
Cholesterol	0 mg
Calcium	0 mg
Iron	0.1 mg
Sodium	0 mg
Potassium	0 mg
Vitamin E	0 mg
Calorie Value	120 Kcal

Fatty Acids, Tocopherols, Sterols

Omega 3	0.11 mg/g	AOCS Celi-07
Omega 6	24.12 mg/g	AOCS Celi-07
Omega 9	65.95 mg/g	AOCS Celi-07
Alpha Tocopherol	58.32 mg/100g	Internal Method
Gamma Tocopherol	0.4 mg/100g	Internal Method
Campesterol	44.01 mg/100g	Internal Method
Stigmasterol	39.19 mg/100g	Internal Method
B-sitosterol	272.31 mg/100g	Internal Method
Other Sterols	251.05 mg/100g	Internal Method

Disclaimer: Ingredient specifications are based on anticipated composition, yield and performance. Prospective purchasers should conduct their own tests, studies and regulatory review to determine the product's fitness for their particular purposes, product claims and specifications.