



NGCA Canola Oil TECHNICAL SPECIFICATION

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Product Name: *NGCA* Canola
Description: Cold-pressed non-GMO canola 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: Canola oil



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

Source: Non-GMO Canadian canola seed

Allergen Statement: **NGCA** canola 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	15 g
Saturated	1 g
Trans	0 g
Polyunsaturated	4 g
Omega-6	3 g
Omega-3	1.5 g
Monounsaturated	10 g
Cholesterol	0 mg
Calcium	0 mg
Iron	0.2 mg
Sodium	0 mg
Potassium	0 mg
Vitamin E	1mg
Calorie Value	130 Kcal

Fatty Acids, Tocopherols, Sterols

Omega 3	94.5 mg/g	AOCS Ce If-96
Omega 6	178.8 mg/g	AOCS Ce If-96
Omega 9	566.3 mg/g	AOCS Ce If-96
Alpha Tocopherol	77.2 ppm	HPLC-UV
Delta Tocopherol	4.45 ppm	HPLC-UV
Gamma Tocopherol	198 ppm	HPLC-UV
Beta Tocopherol	0.75 ppm	HPLC-UV
Total Tocopherol	280 ppm	HPLC-UV
Brassicasterol	99.08 mg/100g	Internal Method
Campesterol	292.92 mg/100g	Internal Method
Stigmasterol	3.31 mg/100g	Internal Method
B-sitosterol	389.13 mg/100g	Internal Method
Other Sterols	156.91 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.