



Certificate of Analysis

Watermelon Cold Pressed Oil

Products Details

Product Name :- Watermelon Cold Pressed Oil
Source :- Watermelon, Indian Produce
Cultivation Area :- Parts of India
Date of Testing :- August 2024
Best Before :- Best before 2 years (When stored properly)

Analytical Details	Specification	Result	Method
Appearance	Light yellow to slightly greenish color	Confirm	Visual Inspection
Odor	Characteristic	Confirm	Sensory Evaluation
Solubility	Soluble in oil & fats	Confirm	Visual Inspection
Specific Gravity @25°C	0.910-0.925	0.918 g/ml	AOAC
Refractive Index @20°C	1.465-1.470	1.468	AOAC (Refractometer)
Acid Value mg KOH/g	<2.5	1.8	Titration
Peroxide Value meq O2/kg	<10	4.8	Titration
Iodine Value g I2/100g	120-145	137	Titration
Saponification Value mg KOH/g	190-200	194	Titration
Unsaponifiable Matter	<2%	1.20%	AOAC
Heavy Metals	<10 ppm	10 ppm	AOAC

Microbial Count

Total Plate Count	<100 CFU/ml	<10 CFU/ml	Microbial Methods
Yeast & Mold	<10 CFU/ml	<5 CFU/ml	
E.coli	Absent	Not detected	
S.aureus	Absent	Not detected	

Fatty Acids Composition

Linoleic Acid	60-75%	64.00%	
Palmatic Acid	5-8%	7.00%	
Oleic Acid	10-30%	23.00%	

Stability	Stability Testing	Stable for 24 months	Visual Inspection
Compatibility	Patch test	No adverse reaction	Visual Inspection

GMO :- The product does not contain any genetically modified organisms (Non- GMO)

Storage :- Should be protected from direct sunlight and should be stored in cool temperature with minimum oxidation

Packaging :- Glass /Plastic Bottle

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Manufacturer of: Chemical Free & Preservative Free Skin Care Products

Khasra No. 6B, Village Kodsī Bhogpur, Dehradun Uttarakhand -248143

Watermelon Seed Oil Nutritional Information (Typical Values)

Serving Size :- 2 tsp (approx 4.5 gm / 5 ml)

Serving Per Pack :- 100

Nutrient	Per 100 gm	Per 2 tsp (4.5 gm)	% RDA (2 tsp Serving)
Energy	898 Kcal	40 Kcal	~2%
Protein	0 gm	0 gm	0%
Carbohydrates	0 gm	0 gm	0%
Total Sugars	0 gm	0 gm	0%
Added Sugars	0 gm	0 gm	0%
Total Fat	99.9 gm	4.5 gm	~7%
Saturated Fat	11.4 gm	0.51 gm	~3%
Mono Unsaturated Fat	18.4 gm	0.83 gm	-
Poly Unsaturated Fat	63.6 gm	2.86 gm	-
Omega-3 Fatty Acids	0.1 gm	0.0045 gm	-
Omega-6 Fatty Acids	63.5 gm	2.86 gm	-
Trans Fat	NMT0.1gm	0 gm	0%
Sodium	-	-	-
Vitamin E	-	-	-



Auth. Signatory



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