

Original Creamy JIF Peanut Butter



NUTRITIONAL INFORMATION

Serving Size 2 Tbs	p (33g
Amount Per Serving	
<u>Calories</u>	190
% Daily	Value
Total Fat 16g	21%
Saturated Fat 3.5g	17%
Trans Fat 0g	
Cholesterol 0mg	0%
Sodium 140mg	6%
Total Carbohydrate 8g	3%
Dietary Fiber 2g	9%
Total Sugars 3g	
Incl 2g of Added Sugars	4%
Protein 7g	7 %
Vitamin D 0mcg	0%
Calcium 17mg	2%
Iron 1mg	4%
Potassium 185mg	49
Vitamin E 2mg	10%
Niacin 5mg	30%

Ingredients

Made From Roasted Peanuts And Sugar, Contains 2% Or Less Of: Molasses, Fully Hydrogenated Vegetable Oils (Rapeseed And Soybean), Mono And Diglycerides, Salt.

Product Information

- · 7g Protein Per Serving*
- · *See Nutrition Information For Fat And Saturated Fat Content
- Gluten Free
- · Contains No Artificial Preservatives
- Kosher Pareve
- · Non-GMO Certified by NSF

Allergens

Contains peanuts

Reduced Fat Creamy JIF Peanut Butter



NUTRITIONAL INFORMATION

Nutrition Facts	
Serving Size 2	Tbsp (36g)
Amount Per Serving	
	400
Calories	190
% I	Daily Value*
Total Fat 12g	16%
Saturated Fat 2.5g	13%
Trans Fat 0g	
Polyunsaturated Fat	2.5g
Monounsaturated Fa	t 6g
Cholesterol 0mg	0%
Sodium 190mg	8%
Total Carbohydrate 15	g 5 %
Dietary Fiber 2g	7%
Total Sugars 4g	*
Incl 3g of Added S	ugars 5%
Protein 7g	%
Vitamin D 0mcg	0%
Calcium 16mg	2%
Iron 1mg	6%
Potassium 156mg	4%
Niacin 8mg	50%
Vitamin B ₆ 0.1mg	8%
Folate 50mcg DFE DFE	15%
Magnesium 65mg	15%
Zinc 1mg	10%
Copper 0.2mg	20%

nutrient in a serving of food contributes to a daily diet. 2000 calories a day is used for

Ingredients

Peanuts, Corn Syrup Solids, Sugar, Pea Protein, Contains 2% or Less of: Salt, Fully Hydrogenated Vegetable Oils (Rapeseed and Soybean), Mono and Diglycerides, Molasses, Magnesium Oxide, Niacinamide, Ferric Orthophosphate, Zinc Oxide, Copper Sulfate, Pyridoxine Hydrochloride, Folic Acid.

Product Information

- Reduced Fat* 25% Less Fat Than Peanut Butter. Contains 12g Fat per Serving Compared to 16g in Peanut Butter.
- · *See Nutrition Information for Fat Content
- Gluten Free
- · No Artificial Preservatives
- Kosher Pareve

Allergens

Contains peanuts

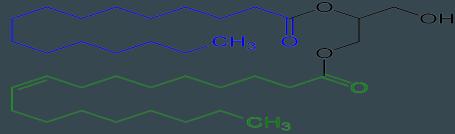
Ingredients & Functions of Reduced Fat Peanut Butter

- Peanuts- contains functional compounds such as proteins, fibers, antioxidants, vitamins, minerals (Arya, S. et al., 2016)
- **Corn Syrup Solids** Nutritive Sweetener
- **Sugar** Nutritive Sweetener
- **Pea Protein** Nutritional benefits, water-binding capacity, oil-binding capacity, foam expansion, foam stability, whippability, gelation, emulsion stability and emulsion ability ratio (*Pea Protein*, 2011)
- Contains 2% or Less of:
 - Salt- Functions as a preservative; prevents microbial growth (*Pea Protein*, 2011)
 - Fully Hydrogenated Vegetable Oils (Rapeseed and Soybean)- improve taste and texture, expand shelf life (Link, 2019)
 - Concerns: Forms trans fats (effects on insulin resistance, blood sugar levels, risk of type 2 diabetes)
 - Mono and Diglycerides- emulsifying agent
 - **Molasses** essential oil
 - Magnesium Oxide- Anti-caking agent, firming agent, pH control agent, Nutrient Fortification (Arya, S. et al., 2016)
 - **Niacinamide** Nutrient/Dietary Supplement
 - Ferric Orthophosphate- used as a source of iron (nutrition) (Fairweather-Tait, S, et al.)
 - o **Zinc Oxide** Nutrient/Dietary Supplement
 - Copper Sulfate- Nutritive, dietary supplement, processing aid (Food Additive Status list)
 - Pyridoxine Hydrochloride- Reinforces nutrition within a product, food fortification (Marketing, 2019)
 - o **Folic Acid** Added to reduce the risk of neural tube defects (*Folate*, 2019)



Additive: Mono and Diglycerides

- Natural Sources of Mono and Diglycerides include:
- Plant Oils: Soybean, grapeseed, canola, sunflower, cottonseed, coconut, and palm oil
 - Plant pomace such as grape pomace or tomato pomace.
 - Some animal fats
- Functions:
 - Typically used as an emulsifying agent— allow for smooth mixing of ingredients, prevent separation, reduce stickiness, control crystallization, keep ingredients dispersed, help products dissolve more easily, and contribute to overall product stability)
 - Sometimes used as edible coatings—applied directly to the surface of foods, including fresh fruits and vegetables, to protect against spoilage and decay.
- Typically Found in: infant formula, salad dressings, peanut butter, chocolate, frozen foods, confectionary products
- Safety?
 - Considered GRAS



Nutrient Content Claim & Intended Population



"Reduced Fat"



The product must have 25% less than the regular product.



16 total grams of fat vs. 12 total grams of fat



The reduced fat peanut butter has less saturated fat than the original peanut butter.
Therefore, the reduced fat peanut butter contains unsaturated fats which is beneficial for people who need to lower their cholesterol

What is the benefit of the unsaturated fats?

• Polyunsaturated fats include omega-3 and omega-6 fats.

What are the benefits of omega-3 and omega-6 fats?

- Reduce triglycerides, a type of fat in your blood
- Reduce the risk of developing an irregular heartbeat (arrhythmia)
- Slow the buildup of plaque, a substance comprising fat, cholesterol, and calcium, which can harden and clog your arteries
- Slightly lower your blood pressure
- Control your blood sugar
- Reduce your risk for diabetes
- Lower your blood pressure

(U.S. National Library of Medicine, 2022)

Current Food Trend

High Protein Plant-Based Snacks with Peanut Butter!



Homemade Peanut Butter Protein Shakes



Peanut Butter, Sliced Apples, Nuts & Granola Nachos



No bake Oatmeal Peanut Butter Energy Balls

Personal Opinions & Recommendations

Yes! Try it!



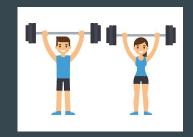


- Good alternative if one is trying to reduce fat intake.
- Good for people who want to consume protein easily
 - Easy to eat
 - Can be added to many recipes
 - Good consistency for recipes– creamy

My Experience:

• I get full very easily so it is hard for me to get all of my protein needs in during the day. Adding a scoop of peanut butter along side a sliced apple, or within a smoothie is a perfect way to incorporate extra protein in the diet. This was extremely helpful when I started weight lifting.





References

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