



Cranberry Orange-Flavored Juice Drink with Whey Protein and Fiber

This delicious cranberry orange-flavored drink is infused with whey protein and fiber — helping to promote proper nutrition, muscle maintenance and satiety.*



Market Insights:

- Protein is essential in the diet on a daily basis and whey protein can provide the protein the body can best use to help promote better health
- Protein can increase functionality by providing benefits around muscle development and recovery
- *Scientific studies support the relationship between protein and satiety, or the feeling of fullness after consuming a particular food

Benefits of Using Dairy Ingredients:

Whey Protein Isolate:

- Boosts protein content for excellent digestibility
- Contains all of the essential amino acids, in the proportions the body requires for good health
- Provides outstanding flavor and color
- Maintains solubility during processing
- Minimizes sediments
- Provides clarity in low pH beverages

Nutrition Facts

Serving Size (227g)		Servings Per Container	
Amount Per Serving			
Calories 130	Calories from Fat 0		
		% Daily Value*	
Total Fat 0g			0%
Saturated Fat 0g			0%
Trans Fat 0g			
Cholesterol 0mg			0%
Sodium 0mg			0%
Total Carbohydrate 26g			9%
Dietary Fiber 3g			12%
Sugars 23g			
Protein 10g			
Vitamin A 0% • Vitamin C 0%			
Calcium 0% • Iron 0%			
*Percent Daily Values are based on a 2,000 calorie diet. Your daily values may be higher or lower depending on your calorie needs:			
	Calories	2,000	2,500
Total Fat	Less Than	65g	80g
Saturated Fat	Less Than	20g	25g
Cholesterol	Less Than	300mg	300 mg
Sodium	Less Than	2,400mg	2,400mg
Total Carbohydrate		300g	375g
Dietary Fiber		25g	30g
Calories per gram:			
	Fat 9	Carbohydrate 4	Protein 4

Ingredients:	Percent (%)
Water	82.437
Fructose	7.890
Whey protein isolate	4.540
Apple juice concentrate-70 Brix	2.760
Fibersol-2	1.580
Phosphoric acid solution-85%	0.350
Natural cranberry flavor	0.200
Natural orange flavor	0.200
Potassium sorbate	0.040
FD&C red #40 solution	0.003
Total	100.00%

Preparation:

1. Mix whey protein isolate, fiber and formula water (at ambient temperature) with high speed mixer and allow to hydrate 30 minutes with slow agitation.
2. Mix in juice, flavors, color and sorbate, keeping agitation slow.
3. Use 85% solution of acid to adjust pH to 3.3-3.4.
4. Heat to 195°F for 30 seconds.
5. Fill containers and cool to 40°F.

Want to meet consumer demand for healthier, more convenient products? E-mail the U.S. Dairy Export Council[®] (USDEC) U.S. Ingredients Program at TechSupport@InnovateWithDairy.com for information on consumer and product research, formulation and prototype assistance, and other services to help you develop and launch your next successful product. For additional sample formulations and the latest on dairy ingredients, visit www.InnovateWithDairy.com.

Developed at the Wisconsin Center for Dairy Research, University of Wisconsin-Madison. ©2010 U. S. Dairy Export Council. Note: This formula serves as a reference. Product developers are encouraged to modify the formula to meet manufacturing and finished product specification needs.