

LycoRed Applications

Dairy

FDA approved natural red colorant
Vitamin and mineral fortification
with microencapsulated ingredients



Applications

- Dairy smoothie
- Drinkable yogurts
- Yogurt products
- Cheese products
- Fluid milk products

Fruit Flavored Dairy Smoothie



Benefits

- Colored with Tomat-O-Red® natural tomato colorant
 - Healthy and natural color
 - Kosher
 - pH, heat and light stable
- CapsuDar® microencapsulated nutrients provide:
 - Mineral formulations designed specifically for dairy products
 - Taste-masked nutrients
 - Improved shelf-life
- Vitamin and mineral premixes for manufacturing efficiency

Formula

	%
Lowfat yogurt, 1.5% butterfat	79.02
Strawberry puree 7-9° Bx	7.04
Sugar	5.67
High fructose corn syrup	3.44
Fructose	2.75
Banana puree, 22° Bx	1.37
Natural flavor	0.80
Modified corn starch	0.69
Vitamin and mineral premix	0.02
Tomat-O-Red® 2%SG	0.05
Potassium sorbate	0.10
Malic acid	0.10
Sodium citrate	0.07
Annatto	0.01

Preparation Steps

1. Prepare yogurt:
 - A. Add yogurt culture (3-5%) to pasteurized milk (1.5% fat).
 - B. Incubate at 108°F for 4-6 hours.
2. Add strawberry and banana puree, sugar, high fructose corn syrup, fructose, corn starch, and vitamin/mineral premix to yogurt.
3. Add annatto, Tomat-O-Red®, flavor, malic acid, and sodium citrate and mix.
4. Pasteurize.
5. Cool to 165°F.
6. Homogenize (2500 PSI total).
7. Cool to 75°F and package.

Nutrition Facts

Serving Size 10 ounces (295ml)
Servings Per Container -

Amount Per Serving

Calories 260 Calories from Fat 30
%Daily Value*

Total Fat	3.5g	5%
Saturated Fat	2g	11%
Trans Fat	0g	0%
Cholesterol	15mg	5%
Sodium	110mg	5%
Potassium	360mg	10%
Total Carbohydrate	50g	17%
Dietary Fiber	less than 1g	2%
Sugar	48g	

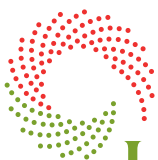
Protein 8g

Vitamin A 8%	•	Vitamin C 20%
Calcium 30%	•	Iron 6%
Vitamin D 30%	•	Vitamin E 4%
Riboflavin 35%	•	Folic Acid 10%
Vitamin B12 20%	•	Pantothenic Acid 8%
Phosphorus 20%	•	Zinc 15%
Selenium 25%		
Lycopene		less than 5mg*

*Percent daily values are based upon a 2000 calorie diet. Your daily values may be higher or lower depending on your calorie needs.

Ingredients

Lowfat yogurt (cultured grade A reduced fat milk, vitamin D3), strawberry puree, sugar, high fructose corn syrup, fructose, banana puree, modified corn starch, natural flavor, colored with Tomat-O-Red® tomato lycopene, annatto extract (color), potassium sorbate (to maintain freshness), malic acid, sodium citrate, riboflavin, vitamin B6, vitamin B12, calcium pantothenate, vitamin D3, tocopheryl acetate, folic acid, ferrous pyrophosphate, zinc oxide, sodium selenite.



LYCORED

Creating innovative nutrition

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