2X Protein Beverage

APPLICATION

Featuring: #1616 Cream Flavor in a complete beverage powder with 2X the protein and the same fat and carbohydrate content of Lowfat Milk

BENEFITS

- Cost Savings Opportunity over Milk
- Mask Protein Bitterness
- Stable Pricing Resistant to Commodity Shifts
- Extremely Easy and Efficient Preparation
- Consistent Finished Product Quality
- Provides Creamy Mouth Feel

FORMULATION AND PROCESS

INGREDIENTS	% by Weight
Non Fat Dry Milk Powder	52.00 %
80% Milk Protein Concentrate Powder	12.50 %
Sugar	12.50 %
70% Coconut Fat Shortening Powder	14.00 %
10 DE Maltodextrin	7.50 %
#1616 Cream Flavor	0.75 %
Pure Vanilla Powder	0.45 %
Xanthan Gum	0.25 %
Sucralose	0.05 %
Total:	100.00%

Use Rate - 20 to 21% by weight in water

PROCESSING RECCOMENDATIONS

PROCESSING STEPS
May be used as a powdered beverage blend or sold as a pasteurized beverage.

For fluid beverage manufacturing:

1. Disperse blended ingredients in cold water under strong agitation (liquefier). (Minimize air incorporation to prevent finished product phase separation)
2. HTST, UHT or Hot-Fill pasteurize beverage using standard dairy time-temperature parameters.
3. Package in typical beverage containers

INGREDIENT STATEMENTS

#1616 Cream Flavor
Maltodextrin, Natural Flavor (contains dairy)

NUTRITIONAL INFORMATION

RD 2X Plain Prot Bev Base

Nutrition Facts

Serving Size 100.00 g	
Servings per container	

Amount per serving

Calories 420	Calories from Fat 100

	% Daily Value*
Fat, Total 11 g	**17%**
Saturated Fat, Total 10 g	50%
Trans Fat, Total 0 g	
Cholesterol 15 mg	**5%**
Sodium 443 mg	**20%**
Potassium 1034 mg	**30%**
Carbohydrates, Total 52 g	**17%**
Dietary Fiber, Total 0 g	*
Sugars, Total 44 g	
Protein, Total 30 g	59%
Vitamin A, IU 17 IU	*
Vitamin C, total ascorbic acid 4 mg	6%
Calcium 693 mg	70%
Iron 0 mg	*
* Percent Daily Values are based on a 2,000 calorie diet	

Nonfat Dry Milk, Milk Protein Concentrate, Sugar, Coconut Oil, Maltodextrin, Corn Syrup Solids, Natural Flavors, Sodium Caseinate (a milk derivative), Xanthan Gum, Mono & Diglycerides, Sucralose, Sodium Silicoaluminate (flow agent/process aid)