



Meal Replacement Beverage Mix

Whey Protein Concentrate in Beverages

Using WPC, Nonfat Dry Milk and Milk Minerals helps boost the nutritional profile by adding protein, calcium and minerals.

<u>Ingredient</u>	<u>Usage Level (%)</u>
Nonfat Dry Milk	22.46
Whey Protein Concentrate	22.19
Fructose	15.00
Sucrose	10.25
Creamer	11.64
Canola Oil	6.19
Cocoa	2.82
Guar/Xanthan Blend	1.68
Natural Flavor	1.40
Instant Coffee	4.21
Milk Minerals	1.32
Vitamin/Mineral Premix	<u>0.84</u>
Total	100.0%

Procedure

- 1) Mix sucrose, fructose and gum blend.
- 2) Add coffee, mix well.
- 3) Add the remaining ingredients, except the Canola oil, mix for 5 minutes.
- 4) Slowly add oil, mix for an additional 5 minutes.

Developed at Dairy Products Technology Center, Cal Poly State University, San Luis Obispo.

Note: This formula serves as a reference. Product developers are encouraged to modify the formula to meet manufacturing and finished product specification needs.