DAT DAIRY MANAGEMENT INC.

Mango-Flavored Green Tea with Whey Protein



This clear and refreshing mango-flavored green tea beverage takes tea to a new level with 5 grams of whey protein.

Market Insights:

- Green tea is known to contain high levels of antioxidants and has driven significant growth in the tea category.
- A favorite of trend-conscious, younger consumers, green tea also appeals to older consumers who are interested in its health benefits.

Ingredient	Usage Level (%)
Water	89.20
Sucrose	8.08
Whey Protein Isolate (WPI)	2.24
Phosphoric Acid	0.18
Natural Green Tea Flavor WONF	0.16
Mango Flavor WONF	0.07
Potassium Sorbate	0.04
Natural Green Tea Powder	0.03
TOTAL	100.00 %

Preparation:

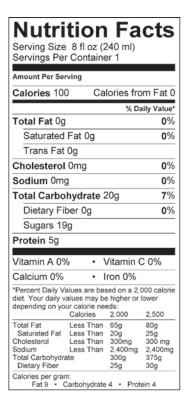
- 1. Mix WPI and water (at ambient temperature) using a high-speed mixer. Allow to hydrate for 20 minutes with slow agitation.
- 2. Mix in tea powder, sucrose, potassium sorbate and flavors.
- 3. Use 85% phosphoric acid solution to adjust pH to 3.2.
- 4. Heat mixture to 175°F for 45 seconds.
- 5. Fill containers and cool to 40°F.

Developed at the Wisconsin Center for Dairy Research, University of Wisconsin-Madison. © 2007 Dairy Management Inc.[™] Note: This formula serves as a reference. Product developers are encouraged to modify the formula to meet manufacturing and finished product specification needs.

Benefits of Using Dairy Ingredients:

Whey Protein Isolate:

- Boosts protein content and offers excellent digestibility.
- Contains amino acids in the proportions that the body requires for good health.
- Has been shown in preliminary research to support satiety.
- Offers good solubility and heat stability at acid pH.
- Has high clarity at acid pH.
- Provides a clean flavor that works well in beverages.



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Enjoy this sample, courtesy of Dairy Management Inc.[™] Call **1-800-248-8829** for assistance with new formulations and product development. For additional sample formulations and the latest on dairy ingredients, visit **www.innovatewithdairy.com**.