

# Blue Raspberry Kids Beverage



## INGREDIENTS

	Usage Levels (%)
Fructose	49.91
<b>Whey protein concentrate, 80% protein (WPC 80)</b>	<b>31.32</b>
Corn syrup solids	11.25
Citric acid	3.90
<b>Milk calcium</b>	<b>2.95</b>
Flavor, raspberry	0.65
FD&C blue #1	0.02
<b>Total</b>	<b>100.00</b>

## BENEFITS OF USING U.S. DAIRY

### Whey Protein Concentrate 80 (WPC 80)

- Provides functionality and flavor naturally
- Maintains solubility during processing
- Minimizes sediments
- Imparts smooth mouthfeel
- Contributes to the beverage's overall nutritional profile
- Aids in emulsification
- Adds stability

### Milk Calcium

- Provides calcium, magnesium, phosphorus and potassium
- Contributes to bone health development
- Helps prevent osteoporosis
- Aids in blood pressure regulation
- Assists in colon cancer prevention
- Enhances many metabolic functions

## NUTRITIONAL CONTENT

Per 100mL

<b>Calories</b>	170 kcal
<b>Total Fat</b>	1 g
Saturated Fat	0 g
Cholesterol	0 mg
<b>Total Carbohydrates</b>	28 g
Dietary Fiber	0 g
Sugars	25 g
<b>Protein</b>	11 g

## PREPARATION

1. **Blend all dry ingredients well.**
2. **Disperse one bag 908 g (32 oz) of dry mix in 3.8L (1 gallon) of water, stirring or shaking until fully hydrated.**
3. **The finished pH should be approximately 4.0.**
4. **Cold-fill bottles and pasteurize to 88°C (190°F).**

Rely on the dynamic lineup of U.S. dairy to meet consumer demands in global product development. The U.S. Dairy Export Council® (USDEC) offers resources on [ThinkUSADairy.org](http://ThinkUSADairy.org) including a dairy ingredient supplier search, consumer, nutrition and product research, technical insights and prototype assistance to help develop and launch your next successful product. [@ThinkUSADairy](https://twitter.com/ThinkUSADairy)

This formula serves as a reference. Product developers are encouraged to modify the formula to meet manufacturing and finished product specifications needs. Developed at the Wisconsin Center for Dairy Research, University of Wisconsin-Madison. ©2015 U.S. Dairy Export Council.