## INGREDIENTS

	Grams	Bakers (%)	Usage Levels (%)	
Flour, bread (high gluten; 11.5 to 15% gluten)	454.0	100.00	35.997	
Butter, unsalted	181.0	30.00	14.351	
Dried fruit <sup>1</sup>	136.0	30.00	10.783	
Egg	130.0	28.60	10.310	
Water	125.0	27.50	9.911	
Sourdough starter (optional but suggested)	113.0	25.00	8.959	
Sugar <sup>2</sup>	45.0	10.00	3.568	
Skimmed milk powder	22.6	4.97	1.792	
Lactose	22.6	4.97	1.792	
Whey protein concenrate, 34% protein (WPC 34)	18.5	4.00	1.467	
Yeast (SAF gold, sugar sensitive)	9.0	2.00	0.713	
Salt	4.5	1.40	0.357	
Lemon peel/orange peel, grated or dry <sup>3</sup>	2 pinches	2 pinches	2 pinches	
Total			100.00	

 $^{\rm 1}{\rm Golden}$  raisins and/or cranberries or candied citrus peel or a combination of two or all three.

<sup>2</sup>Sugar can be increased up to 16% for a slightly sweeter taste without adverse effect.

<sup>3</sup> Use fresh grated peel if a longer fermentation is desired such as overnight. Use dry peel if the brioche is to be made and baked within one day.

#### PREPARATION

- 1. Mix butter until semi-smooth, refrigerate until use.
- 2. Mix skimmed milk powder, starter, if used, and sugar together until dissolved, set aside.
- 3. Mix all ingredients except salt, dried fruit (if used) and butter for 3 minutes.
- 4. Add butter and dried fruit (if used) all at once. Mix 1 minute.
- 5. Add salt, mix 4 minutes, continue mixing on medium or high speed until the bottom of the bowl is visible. Do not under or over mix.
- 6. Pull dough from bowl; scrape down sides for any remnants. Round dough, place in plastic bag, let rest at room temperature for 45 minutes.



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# **NUTRITIONAL CONTENT**

Per 100g				
Calories	330kcal			
Total Fat	13g			
Saturated Fat	8g			
Trans Fat	Og			
Cholesterol	75mg			
Total Carbohydrates	45g			
Dietary Fiber	2g			
Sugars	14g			
Protein	8g			
Calcium	60mg			
Magnesium	20mg			
Phosphorus	104mg			
Potassium	190mg			
Sodium	180mg			
Iron	1mg			
Vitamin A	429IU			
Vitamin C	1mg			

### PREPARATION

### (continues)

- 7. Flatten dough out to 25mm (1") in thickness and refrigerate for up to 24 hours.
- 8. When well chilled and stiff, place in traditional brioche cups that have been well prepared with oil or butter or in a silform brioche molded sheet. Scale dough to fill cups (3/4 full) for each tin size.
- 9. Mold brioche into desired shapes.
- 10. Proof brioche with 85% humidity, which can be achieved by placing a pan of hot water in an enclosed space with the brioche. Brioche dough, with a high egg percentage, should be 3/4 proofed, to obtain the maximum oven spring.
- 11. Egg wash\* the tops of each brioche carefully making sure that the egg wash does not drip down into the cup.
- 12. Just before putting brioche into the oven quickly re-egg wash just the brioche heads for an additional intense shine.
- 13. Bake brioche in 160°-165°C (320°-330°F) oven, until golden brown. If the brioche is browning too rapidly turn the oven down to 148°C (300°F). If making large brioche, tenting with aluminum foil may be necessary to deter over browning.
- 14. Check brioche for 82°C (180°F) internal temperature, do not exceed by more than 3 degrees or a thicker than desired crust will form and the higher internal temperature will shorten the product's shelf life.

- 15. Un-mold brioche immediately after removing from oven if using conventional tins. If flexible baking molds were used, allow 5 minutes resting time, before de-panning.
- 16. Package brioche at room temperature.

\*Egg wash is a whole egg whipped until smooth; apply with a pastry brush.

Rely on the dynamic lineup of U.S. dairy to meet consumer demands for global product development. The U.S. Dairy Export Council (USDEC) offers resources on **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)

This formula serves as a reference. Product developers are encouraged to modify the formula to meet manufacturing and finished product specification needs. Developed by the International School of Baking. ©2014 U.S. Dairy Export Council.

