Let's Eat: Exploring food science

Making Dessert Nachos

Standard Laboratory Operating Procedure #789 Making Dessert Nachos

Laboratory: Science and Technology of Foods

Location: Food Science Lab

SLOP prepared by: J. Foudray/A. Kilburn/A. Sanders

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Purpose: To examine sensory characteristics based on the chemical composition of foods.

Safety: Hot Gloves, goggles

Materials:

Wheat flour Soy flour Corn flour

Gluten-free flour (rice flour, potato starch, pea fiber, tapioca starch)

Plain soy milk

Water

Soybean (vegetable) oil

Plenish™ oil Deep fryer Cinnamon

Sugar

Procedure:

- 1. Preheat the fryer to 170°C (340°F).
- 2. Measure out 280 g of flour and sift into a large bowl. a. You may use wheat, soy, corn, or gluten-free flours
- 3. Measure 3 g of salt and add to the large bowl.
- 4. Measure 3.5 g of baking powder and sift into large bowl.
- 5. Pour 60 mL of soybean oil into the mixture and combine all ingredients.
- 6. Add 120-180 mL of warm water or milk until dough formation.
- 7. Allow dough to sit for 20 minutes.
- 8. Cut the dough into 8 equal pieces and form into dough balls.
- 9. Press the dough balls on the tortilla press.
- 10. Place raw tortilla into the fryer until golden brown.

Sensory Analysis:

Flour type/Recipe Flavor Appearance Smell Sound

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