

**Sample Preparation for the Sodium Atomic Emission Experiment
Fall 2015**

Slurries were prepared from two snack food samples. In each case, roughly 40-50 grams of the snack food was crushed and distilled water added to produce a total mass of roughly 10 times the mass of snack food and blended thoroughly. Details for each preparation are below.

Sample A: Sundried Tomato and Basil Wheat Thins

Sodium content from label: 170 mg Na per 30 gram serving size.

Mass of sample used: 40.09 g

Total mass of slurry: 401.23 g

Sample B: Gardetto's Original Recipe

Sodium content from label: 470 mg Na per 49 gram serving size.

Mass of sample used: 52.72 g

Total mass of slurry: 522.91 g