

If Buffy Took Chemistry, Would She Eat Her Food?

Meet Buffy, Miss Klein's cat. Buffy is very picky when it comes to her food and treats.

Miss Klein finally found a treat she would eat. The following are listed ingredients

for Friskies Party Mix Natural Yums Cat Treats:

- Chicken
- Chicken meal
- Brewers rice
- Poultry by-product meal
- Corn gluten meal
- Wheat flour
- Animal fat preserved with mixed tocopherols
- Pea starch
- Natural flavor
- Barley
- Dried yeast
- ***Hydrogen phosphate***
- Malted barley extract
- ***Calcium carbonate***
- ***Potassium chloride***
- ***Salt***
- Choline chloride
- Dehydrated seaweed meal
- Vitamins
- Dried carrots
- Dried peas
- ***Zinc sulfate***
- ***Ferrous (Fe⁺²) sulfate***
- ***Manganese sulfate***
- ***Copper sulfate***
- ***Calcium iodate***
- Taurine



The purpose of this activity is to practice writing formulas for simple compounds whose names are found on labels of products in stores.

1. Write the formula for each bolded and italicized ***ingredient*** listed above.
 - a. To do this you will need your valence sheet and periodic table
 - b. Remember to criss cross the charges to get a formula. If you don't remember how to do this look back on your notes or go to the WRITING FORMULAS page under CONCEPTS on my website

2. Go around your house and find ingredients on labels that you are able to name using your valence sheet. Write the formula for 20 of these ingredients.