



November 30, 2007

To: **National School Lunch Program Participants**

Subject: **Kellogg's® Morningstar Farms® Veggie Sausage/Pizza Crumbles
28989 09668 and 28989 97806**

According to Appendix A to 7 CFR 210, 220, 225, and 226, an Alternate Protein Product (APP) must meet the following requirements: must be processed so that some portion of the non-protein constituents of the food is removed; must have a biological quality of at least 80 percent that of casein as determined by PDCAAS; and must contain at least 18 percent protein by weight when fully formulated or hydrated. Morningstar Farms Veggie Sausage/Pizza Crumbles contain protein that meets these requirements from soy.

Soy protein is provided by soy flour chunks and soy protein concentrate which have fat and carbohydrate components removed. Per our supplier, the reference used to determine the EAA score is the FAO/WHO 2-5 year old amino acid pattern. Per our supplier, the EAA score of the soy proteins is 1.04 with a digestibility of 97% giving a PDCAAS of 1. To achieve 18% protein when hydrated, soy protein concentrate is hydrated with 2.6 parts water and soy flour chunks with 1.9 parts water.

The combined soy sources provide 28.9 grams hydrated soy protein per 57 grams of Crumbles. Therefore, 57 grams of Sausage/Pizza Crumbles provide 1 meat equivalent.

I certify the above information to be true and correct.

Cheryl L. Dolven, MS, RD
Kellogg Company