

Soy Company X

Soy Protein Concentrate

Product Y

Documentation for Company X Products Used as Alternate Protein Products (APP) for Child Nutrition Programs

- a) Company X certifies that Product Y meets all requirements for APP intended for use in foods manufactured for Child Nutrition Programs as described in Appendix A of 7 CFR 210, 220, 225, and 226.
- b) Company X certifies that Product Y has been processed so that some portion of the non-protein constituents have been removed by fractionating. This product is produced from soybeans by removing the majority of the soybean oil and some of the other non protein constituents.
- c) The Protein Digestibility Corrected Amino Acid Score (PDCAAS) for Product Y is 0.99. It was calculated by multiplying the lowest uncorrected amino acid score by true protein digestibility as described in the Protein Quality Evaluation Report from the Joint Expert Consultation of the Food and Agriculture Organization/World Health Organization of the United Nations, presented December 4-8, 1989, in Rome, Italy. The PDCAAS is required to be greater than 0.8 (80% of casein).
- d) The protein level of Product Y is at least 18% by weight when fully hydrated at a ratio of 2.43 parts water to one part product.
- e) The protein level of Product Y is certified to be at least 50% on an “as-is” basis for the as-purchased product. Protein is often provided on a moisture free basis (mfb) which is not the information FNS requires.

All of the above information is required for APP and must be presented for approval.

Note: It is also helpful to have the ingredients statement for product Y. For example, if the product is uncolored and unflavored the ingredients statement might be “soy protein concentrate” or if the product is colored and textured the ingredients statement might be “textured vegetable protein (soy flour, caramel color)”