

### Product Analysis Worksheet Form

Child Nutrition Program operators should include a copy of the label from the purchased product carton in addition to the following information on letterhead signed by official company representative.

Product Name: Water Packed Apples

Code Number:

Manufacturer: Indian Summer

Case/Pack/Count/Portion Size: 135g

Directions to Manufacturers:

1. Complete Section A for crediting of Meat/Meat Alternate (if appropriate).
2. Complete Section B for crediting of Grains (if appropriate).
3. Complete Section C for crediting of Fruits & Vegetables (if appropriate).
4. Complete Section D for verification and statement of understanding. Any product analysis without this section completed and signed will not be accepted by Child Nutrition Program operator.

**Section A: Meat/Meat Alternates**

I. Please complete the chart below to determine the creditable amount of Meat/Meat Alternate

Description of Creditable Ingredients per USDA Food Buying Guide (FBG)	Ounces per Raw Portion of Creditable Ingredient	Multiply	Food Buying Guide Yield/ Servings per Unit	Creditable Amount *
		X		
		X		
		X		
<b>A. Total Creditable M/MA</b>				

\*Creditable Amount- Multiply ounces per raw portion of creditable ingredient by the FBG Yield Information.

II. If the product contains APP, please fill out the chart below to determine the creditable amount of APP. If APP is used, you must provide documentation as described by *Attachment A* for each APP used.

Description of APP, manufacturer's name, and code number	Ounces Dry APP Per Portion	Multiply	% of Protein As-Is*	Divide by 18**	Creditable Amount of APP***
		X		÷ 18	
		X		÷ 18	
		X		÷ 18	
<b>B. Total Creditable APP Amount<sup>1</sup></b>					
<b>C. Total Creditable Amount ( A + B rounded down to the nearest ¼ oz)</b>					

\*Percent of Protein-As-Is is provided on the attached APP documentation.

\*\*18 is the percent of protein when fully hydrated.

\*\*\*Creditable amount of APP equals ounces of Dry APP multiplied by the percent of protein as-is divided by 18. <sup>1</sup>Total Creditable Amount must be rounded down to the nearest .25 oz (1.49 would round down to 1.25 oz meat equivalent.) Do not round up. If you are crediting M/MA and APP, you do not need to round down in box A (Total Creditable M/MA Amount) until after you have added the Total Creditable APP Amount from box B to box C.

Total weight (per portion) of product as purchased:

Total creditable amount of product (per portion):

(Reminder: Total creditable amount cannot count for more than the total weight of the product.)

**Section B: Grains**

Description of Creditable Grain Ingredients per USDA Food Buying Guide (FBG)*	Weight in Grams of Creditable Grains per Portion	Divide number of grams of creditable grains per portion by 16****	Creditable Grain Amount per Portion
		+ 16	
		+ 16	
		+ 16	
		+ 16	
		+ 16	
D. Total Creditable Grain per Portion**			

\*All grains must be enriched or whole grain, made from enriched or whole grain meal or flour, or if it is cereal, the product must be whole grain, enriched or fortified. Bran and germ are not creditable.

\*\*Round down to the nearest 1/4 grain serving.

\*\*\*Previous calculations using 14.75 grams per grain/bread serving can be used only for SY 12-13.

\*\*\*\* Products with more than 3.99 grams or .24 ounce equivalents of non-creditable grains do not qualify after SY 2013.

**Section C: Fruits & Vegetables**

Description of Creditable Fruit and/or Vegetable Ingredients per USDA Food Buying Guide (FBG)	Vegetable Sub Group, if applicable	Production Unit*	Cups EP per recipe or production unit from FBG**	Multiply by crediting factor***	Creditable cups	Servings per recipe or production unit	Cups Creditable Fruit or Vegetable Amount per Portion
Apple Slices		106 oz.	16.5	1	16.5	22	16.5
E. Total Cups of Creditable Fruits per Portion							
F. Total Cups of Creditable Vegetables per Portion							

\*Production unit is the basis for calculating servings – recipe, pizza pie, individual sandwich, gallon etc.

\*\*Cups listed per EP purchase unit in Food Buying Guide

\*\*\* Crediting factor: Paste: multiply by 4; Green leafy vegetables: multiply by .5; Dried fruit: multiply by 2; All others: multiply by 1

**Section D:**

I certify that the above information is true and correct and that a 4.8 ounce serving of the above product (ready for serving) contains 0 ounces of equivalent meat/meat alternate when prepared according to directions.

I certify that the above information is true and correct and that a 4.8 ounce/gram (circle appropriate unit) portion of the above product (ready for serving) contains 0 ounces of creditable grains.

I certify that there are no non-creditable grains above 3.99 grams or .24 ounce equivalents per portion.\*\*\*\*

I further certify that any APP used in this product conforms to the Food and Nutrition Service Regulations (7 CFR Parts 210, 220, 225, 226, Appendix A) as demonstrated by the attached supplier documentation.

If 14.75 grams per creditable portion of grain is used then this document is null and void after June 30, 2013 and I understand that effective July 1, 2013 that the product analysis provided above will no longer be accurate and that a revised product analysis will need to be provided to the Child Nutrition Program operator using 16.0 grams per creditable portion of grain.

*Schaffer Wall*  
Signature

Schaffer Wall  
Printed Name

Document Control Specialist and Quality Assistant  
Title

6/28/22  
Date

2319296626  
Phone Number

**Attachment A: Complete only if Soy Protein Concentrate is used**

Product Name:  
Documentation for (insert company name)

Product(s) Used as Alternate Protein Products (APP) for Child Nutrition Programs:

- a) (insert company name) certifies that the product (insert product name) 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) (insert company name) certifies that (insert product name) 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 (insert product name) 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 (insert product name) 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 (insert product name) is certified to be at least 61.8% on an "as-is" basis for the as-purchased product. (*Note: Protein is often provided on a moisture free basis (mfb) which is not the information FNS requires.*)

\_\_\_\_\_  
Signature & Title

\_\_\_\_\_  
Date

*Note: All of the above information is required for APP and must be presented for approval. It is also helpful to have the ingredient statement for the product. For example, if the product is uncolored and unflavored the ingredient statement might be "soy protein concentrate" or if the product is colored and textured the ingredient statement might be "textured vegetable protein (soy flour, caramel color)".*