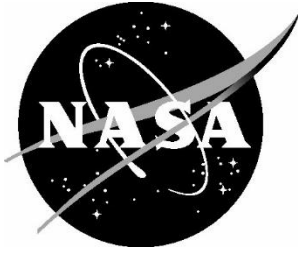


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# NASA Space Food Formulations: Thermostabilized Foods

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The NASA Space Food formulations in this document are provided as information only and may be used at your own risk. NASA is not responsible, and assumes no liability, for the use of this information. Food production involves many variables -- in raw materials, ingredients, preparation, equipment, etc. -- such that results can vary widely. This document includes most current formulations as of March 2024. NASA does not endorse any commercial brands and therefore those used in the formulations have been redacted.

## PRODUCT FORMULATION AND MATERIALS

The formulation (% by weight) for each product is in each individual table. All ingredients/raw materials shall be clean and free from objectionable foreign matter, approved for food use and have a typical odor, color, and flavor. All fresh ingredients that are used shall be sound, free from blemishes and of good quality. Materials shall be in excellent condition at time of use and from the freshest lot available and stored as recommended by the manufacturer. Ingredients/products shall be inspected to determine if damage occurred in shipment that would cause them to be unsafe for use. Damaged units shall be rejected.

<b>Apricot Cobbler (Thermostabilized)</b>		
<b>INGREDIENT</b>	<b>%</b>	<b>MATERIAL DESCRIPTION</b>
Apricots	62.43	Individually Quick Frozen (IQF) apricots, sliced
Sugar	21.22	Sugar, extra fine, granulated
Pie Crust	8.37	Frozen pie crust, 9" deep dish, Classic brand from [REDACTED] NOTE: % based on baked pie crust
Water	5.70	Water shall be from a potable source and free from contaminants.
Tapioca	1.42	Tapioca, quick cooking, [REDACTED] brand from [REDACTED]
Lemon Juice	0.86	Lemon juice from concentrate, natural strength, [REDACTED]
<b>TOTAL</b>	<b>100.00</b>	<b>Apricot Cobbler</b>

### Baked Beans (Thermostabilized)

INGREDIENT	%	MATERIAL DESCRIPTION
Distilled Water	0.00	Distilled water
Navy Beans	47.85	Dried navy beans NOTE: % is based on soaked beans
Water	12.50	Water shall be from a potable source and free from contaminants
Onions	10.00	Frozen onions, ¼" diced, yellow
Crushed Tomatoes	7.89	Canned, heavy concentrated and crushed tomatoes, approximately 13% brix/NTSS [REDACTED]
Brown Sugar	6.73	Brown sugar, golden or light
Maple Syrup	5.00	Maple syrup, 100% pure, U.S. Grade A, dark amber
Vinegar	3.16	Vinegar, distilled, white [REDACTED]
Barbecue Sauce	3.00	Barbecue sauce, honey [REDACTED]
Tomato Paste	1.80	Canned tomato paste, no salt added, [REDACTED] containing 20 mg or less sodium per serving
Mustard	1.00	Mustard, classic yellow [REDACTED]
Worcestershire Sauce	0.50	Worcestershire sauce [REDACTED]
Garlic	0.50	Refrigerated, minced garlic in water
Salt	0.07	Salt, pure sodium chloride, non-iodized
<b>TOTAL</b>	<b>100.00</b>	<b>Baked Beans, Raw Material</b>

**Banana Pudding (Thermostabilized)**

<b>INGREDIENT</b>	<b>%</b>	<b>MATERIAL DESCRIPTION</b>
Milk	47.22	Fresh whole milk, minimum 3.3% milk fat, U.S. Grade A, pasteurized and homogenized with vitamins A and D added
Water	23.52	Water shall be from a potable source and free from contaminants.
Sugar	15.00	Sugar, extra fine, granulated
Milk (Slurry)	9.16	Fresh whole milk, minimum 3.3% milk fat, U.S. Grade A, pasteurized and homogenized with vitamins A and D added
Modified Food Starch	4.04	Modified food starch, [REDACTED]
Banana Flavor	0.86	Natural "ripe" banana flavor, WONF (liquid) [REDACTED]
Salt	0.20	Salt, pure sodium chloride, non-iodized
<b>TOTAL</b>	<b>100.00</b>	<b>Banana Pudding, Raw Material</b>

**Beef Fajita Strips (Thermostabilized)**

<b>INGREDIENT</b>	<b>%</b>	<b>MATERIAL DESCRIPTION</b>
Brisket	67.73	Beef brisket, raw, boneless, trimmed, USDA Grade Select
Fajita Sauce	19.17	Fajita sauce with lime juice, ready-to-use [REDACTED] [REDACTED]
Yellow Onions	6.72	Fresh yellow onions <b>NOTE:</b> % based on peeled, trimmed and sliced peppers
Red Bell Peppers	4.36	Fresh red bell peppers <b>NOTE:</b> % based on cored, seeded and sliced peppers
Yellow Bell Peppers	2.02	Fresh red bell peppers <b>NOTE:</b> % based on cored, seeded and sliced peppers
<b>TOTAL</b>	<b>100.00</b>	<b>Beef Fajita Strips, Raw Material</b>

**Beef Ravioli (Thermostabilized)**

<b>INGREDIENT</b>	<b>%</b>	<b>MATERIAL DESCRIPTION</b>
Beef Ravioli	39.52	Individually Quick Frozen (IQF) beef ravioli squares [REDACTED]
Tomato Sauce	28.01	Canned tomato sauce, premium, no salt added [REDACTED]
Diced Tomatoes	27.04	Canned diced tomatoes, premium, no salt added [REDACTED]
Olive Oil	1.13	Olive oil, extra virgin
Garlic	0.87	Refrigerated, minced garlic in water
Salt-Free Seasoning	0.86	Salt-free seasoning [REDACTED]
Parmesan Cheese	0.72	Parmesan cheese, shredded
Heavy Cream	0.66	Fresh, heavy whipping cream, Grade A, ultra pasteurized
Modified Food Starch	0.59	Modified food starch [REDACTED]
Oregano	0.31	Ground oregano
Onion Powder	0.15	Onion powder
Parsley	0.14	Dried parsley flakes
<b>TOTAL</b>	<b>100.00</b>	<b>Beef Ravioli, Raw Material</b>

### Beef Stew (Thermostabilized)

INGREDIENT	%	MATERIAL DESCRIPTION
Beef	36.38	Fresh, shoulder clod, USDA Choice, ¾” diced tips
Water	16.46	Water shall be from a potable source and free from contaminants
Carrots	14.77	Fresh carrots, ½” diced
Potatoes	14.77	Refrigerated, red potatoes, skin-on, ¾” diced
Onions	6.15	Fresh, yellow onions, ¼” diced
Water (Slurry)	3.52	Water shall be from a potable source and free from contaminants
Tomato Paste	2.53	Canned tomato paste, no salt added, [REDACTED] containing 20 mg or less sodium per serving
Modified Food Starch	1.32	Modified food starch [REDACTED]
Red Cooking Wine	1.26	Red cooking wine [REDACTED] with 1 ½% salt [REDACTED]
Red Wine Vinegar	1.01	Red wine vinegar with 5% acidity
Natural Flavor	0.51	Natural flavor [REDACTED]
Garlic	0.39	Refrigerated, minced garlic in water
Beef Base	0.29	Frozen beef base [REDACTED]
Filling Aid Starch	0.25	Filling aid starch [REDACTED]
Sugar	0.25	Sugar, pure cane, granulated
Black Pepper	0.10	Black pepper, coarse grind
Disodium Inosinate & Disodium Guanylate	0.01	Disodium inosinate and disodium guanylate, [REDACTED]
Parsley	0.01	Parsley, dried
Rosemary	0.01	Rosemary, ground
Bay	0.01	Bay, ground



<b>TOTAL</b>	<b>100.00</b>	<b>Beef Stew, Raw Material</b>
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**Black Beans (Thermostabilized)**

<b>INGREDIENT</b>	<b>%</b>	<b>MATERIAL DESCRIPTION</b>
Black Beans	51.80	Dried black beans <b>NOTE:</b> % based on soaked beans
Crushed Tomatoes	17.90	Canned, heavy concentrated and crushed tomatoes, approximately 13% brix/NTSS [REDACTED]
Water	14.9	Water shall be from a potable source and free from contaminants.
Onions	7.64	Fresh (or frozen) onions, 3/4" diced
Green Chilies	4.27	Canned green chilies, fire roasted, diced
Garlic	1.93	Refrigerated, minced garlic in water
Black Pepper	0.47	Black pepper, chef's grind
Salt Free Seasoning	0.47	Salt-free seasoning [REDACTED]
Cumin	0.33	Ground [REDACTED]
Oregano	0.29	Dried oregano, whole leaves [REDACTED]
Distilled Water	N/A	Distilled water, pure <b>NOTE:</b> One gallon is required for every 2 lbs. of dried beans
<b>TOTAL</b>	<b>100.00</b>	<b>Black Beans, Raw Material</b>

<b>Bread Pudding (Thermostabilized)</b>		
<b>INGREDIENT</b>	<b>%</b>	<b>MATERIAL DESCRIPTION</b>
Skim Milk	40.00	Fresh skim milk, fat free, U.S. Grade A, pasteurized and homogenized
Sugar	19.10	Sugar, extra fine, granulated
Egg Product	18.97	Refrigerated egg product [REDACTED]
Baguette	15.15	Frozen, large, French baguette [REDACTED]
Unsalted Butter	5.56	Fresh unsalted butter, sweet cream, U.S. Grade AA
Vanilla Extract	1.21	Pure vanilla extract
Cinnamon	0.01	Ground cinnamon
<b>TOTAL</b>	<b>100.00</b>	<b>Bread Pudding, Raw Material</b>

<b>Breakfast Sausage (Thermostabilized)</b>		
<b>INGREDIENT</b>	<b>%</b>	<b>MATERIAL DESCRIPTION</b>
Breakfast Sausage Links	100.00	Turkey sausage links, fully cooked, [REDACTED] [REDACTED] [REDACTED]
<b>TOTAL</b>	<b>100.00</b>	<b>Breakfast Sausage Links, Raw Material</b>

[REDACTED]

**Brown Rice (Thermostabilized)**

<b>INGREDIENT</b>	<b>%</b>	<b>MATERIAL DESCRIPTION</b>
Vegetable Broth	62.50	Shelf stable, vegetable cooking stock, natural [REDACTED]
Brown Rice	37.50	Brown rice, Jasmine [REDACTED]
<b>TOTAL</b>	<b>100.00</b>	<b>Brown Rice, Raw Material</b>

**Butterscotch Pudding (Thermostabilized)**

<b>INGREDIENT</b>	<b>%</b>	<b>MATERIAL DESCRIPTION</b>
Milk	43.95	Fresh whole milk, minimum 3.3% milk fat, U.S. Grade A, pasteurized and homogenized with vitamins A and D added
Water	25.24	Water shall be from a potable source and free from contaminants.
Sugar	16.15	Sugar, extra fine, granulated
Milk (Slurry)	10.10	Fresh whole milk, minimum 3.3% milk fat, U.S. Grade A, pasteurized and homogenized with vitamins A and D added
Modified Food Starch	4.04	Modified food starch [REDACTED]
Butterscotch Flavor	0.25	Natural and artificial butterscotch flavor emulsion [REDACTED]
Salt	0.20	Salt, pure sodium chloride, non-iodized
Caramel Color	0.06	Artificial caramel color, liquid [REDACTED]
Yellow Color	0.01	Artificial egg yellow color, liquid [REDACTED]
<b>TOTAL</b>	<b>100.00</b>	<b>Butterscotch Pudding, Raw Material</b>

**Carrot Coins (Thermostabilized)**

<b>INGREDIENT</b>	<b>%</b>	<b>MATERIAL DESCRIPTION</b>
Carrots	89.14	Frozen carrots, ¼” smooth sliced, maximum 1 ½” diameter
Water	7.90	Water shall be from a potable source and free from contaminants
Unsalted Butter	1.61	Fresh unsalted butter, sweet cream, U.S. Grade AA
Water (Slurry)	1.00	Water shall be from a potable source and free from contaminants
Filling Aid Starch	0.35	Filling aid starch [REDACTED]
<b>TOTAL</b>	<b>100.00</b>	<b>Carrot Coins, Raw Material</b>

**Cheese Tortellini with Tomato Sauce (Thermostabilized)**

<b>INGREDIENT</b>	<b>%</b>	<b>MATERIAL DESCRIPTION</b>
Diced Tomatoes	51.60	Canned diced tomatoes, premium, no salt added [REDACTED]
Cheese Tortellini	37.53	Individually Quick Frozen (IQF) cheese tortellini [REDACTED] [REDACTED]
Onions	6.14	Individually Quick Frozen (IQF) white onion, chopped
Water	1.76	Water shall be from a potable source and free from contaminants
Sugar	0.68	Sugar, extra fine, granulated
Tomato Paste	0.55	Canned tomato paste, no salt added [REDACTED]
Beef Base	0.51	Refrigerated beef base [REDACTED]
Seasoning	0.49	Garlic and herb seasoning [REDACTED], salt-free
Garlic	0.29	Refrigerated, minced garlic in water
Modified Food Starch	0.29	Modified food starch [REDACTED]
Disodium Inosinate & Disodium Guanylate	0.07	Disodium inosinate and disodium guanylate, [REDACTED] [REDACTED]
Black Pepper	0.03	Black pepper, cracked
Basil	0.02	Dried basil leaves
Oregano	0.02	Dried oregano leaves
Cayenne Pepper	0.02	Ground cayenne (red) pepper
<b>TOTAL</b>	<b>100.00</b>	<b>Cheese Tortellini with Tomato Sauce, Raw Material</b>

**Cherry Blueberry Cobbler (Thermostabilized)**

<b>INGREDIENT</b>	<b>%</b>	<b>MATERIAL DESCRIPTION</b>
Cherries	40.60	Individually Quick Frozen (IQF) cherries, dark, sweet, no sugar added, pitted
Blueberries	26.01	Individually Quick Frozen (IQF) blueberries, no sugar added
Yellow Cake Mix	12.09	Yellow cake mix, pudding in the mix, moist supreme [REDACTED]
Sugar	10.38	Sugar, extra fine, granulated
Unsalted Butter	3.71	Fresh unsalted butter, U.S. Grade AA, sweet cream
Lemon Juice	2.80	Lemon juice from concentrate, natural strength [REDACTED]
Pecans	1.85	Raw pecans, medium chopped, fancy
Modified Food Starch	1.65	Modified food starch [REDACTED]
Almond Extract	0.91	Almond extract, pure
<b>TOTAL</b>	<b>100.00</b>	<b>Cherry Blueberry Cobbler, Raw Material</b>

### Chicken Fajitas (Thermostabilized)

INGREDIENT	%	MATERIAL DESCRIPTION
Chicken Tenders	67.47	Fresh (or frozen) chicken tenders, raw
Green Bell Peppers	12.20	Fresh green bell peppers <b>NOTE:</b> % based on cored, seeded and sliced peppers
Red Bell Peppers	12.20	Fresh red bell peppers <b>NOTE:</b> % based on cored, seeded and sliced peppers
Canola Oil	3.10	Canola oil, pure
Fiesta Lime Seasoning Blend	2.78	Fiesta lime seasoning blend, [REDACTED] salt-free
Modified Food Starch	0.80	Modified food starch [REDACTED]
Maltodextrin	0.61	Maltodextrin, STAR-DRI 1 [REDACTED]
Salt	0.29	Salt, pure sodium chloride, non-iodized
Chili Powder	0.18	Chili powder, dark
Black Pepper	0.09	Black pepper, ground
Oregano	0.07	Dried oregano, whole leaves
Garlic Powder	0.06	Garlic powder
Cumin	0.06	Cumin, ground
Cayenne Pepper	0.05	Cayenne (red) pepper, ground
Citric Acid	0.04	Citric acid, anhydrous powder
<b>TOTAL</b>	<b>100.00</b>	<b>Chicken Fajitas, Raw Material</b>



### Chicken Noodle Soup (Thermostabilized)

INGREDIENT	%	MATERIAL DESCRIPTION
Chicken Broth	23.79	Canned chicken broth, 100% fat free, 33% less sodium [REDACTED]
Chicken	22.14	Individually Quick Frozen (IQF) chicken, 1/2" diced [REDACTED]
Water	10.78	Water shall be from a potable source and free from contaminants.
Water (Slurry)	10.25	Water shall be from a potable source and free from contaminants.
Carrots	8.85	Frozen carrots, 1/2" sliced (maximum slice diameter 1 1/2")
Fettuccine	7.68	Fettuccine, with 2% egg white and 1-1/2% Glycerol Monostearate (GMS), enriched [REDACTED] <b>NOTE:</b> % based on weight after blanching
Celery	4.43	Fresh celery, 3/8" diced
Onions	4.43	Fresh yellow onions, 3/8" diced
Half and Half	3.41	Fresh, half and half, Grade A, ultra pasteurized, homogenized, with a minimum of 10.5% milkfat
Filling Aid Starch	1.77	Filling aid starch [REDACTED]
Commercial Lemon Juice	0.88	Lemon juice from concentrate, 100% natural strength [REDACTED]
Dark Toasted Flour	0.58	Dark toasted flour, soft, white wheat [REDACTED]
Modified Food Starch	0.35	Modified food starch [REDACTED]
Natural Flavor	0.22	Grindsted, Salt Pro Flex [REDACTED]
Red Wine Vinegar	0.13	Red wine vinegar with 5% acidity [REDACTED]
Sugar	0.11	Sugar, extra fine, granulated

Disodium Inosinate & Disodium Guanylate	0.09	Disodium inosinate and disodium guanylate, Ajitide I+G [REDACTED] [REDACTED]
Black Pepper	0.04	Black pepper, coarse grind
Poultry Seasoning	0.04	Poultry seasoning, food service blend [REDACTED] [REDACTED]
Parsley	0.03	Dried parsley flakes
<b>TOTAL</b>	<b>100.00</b>	<b>Chicken Noodle Soup, Raw Material</b>

### Chicken Strips in Salsa (Thermostabilized)

INGREDIENT	%	MATERIAL DESCRIPTION
Chicken	46.80	Frozen chicken breast tenders, raw
Tomatoes	32.80	Canned tomatoes, diced, organic, no salt added [REDACTED]
Green Bell Pepper	7.82	Fresh green bell pepper <b>NOTE:</b> % based of weight of seeded and cored peppers
Onion	5.07	Individually Quick Frozen (IQF) white onion, chopped
Canola Oil	2.15	Canola oil, clear frying shortening
Fiesta Lime Seasoning	1.93	Fiesta Lime Seasoning, [REDACTED] salt-free
Jalapeno Pepper	1.09	Fresh jalapeno pepper <b>NOTE:</b> % based of weight of seeded and cored peppers
Modified Food Starch	0.55	Modified food starch [REDACTED]
Maltodextrin	0.42	Maltodextrin [REDACTED]
Modified Food Starch	0.39	Modified Food Starch [REDACTED]
Salt (I)	0.20	Salt, pure sodium chloride, non-iodized
Chili Powder	0.13	Chili powder
Garlic Powder (II)	0.12	Garlic powder
Salt (II)	0.09	Salt, pure sodium chloride, non-iodized
Black Pepper (II)	0.09	Black pepper, coarse grind
Cumin (II)	0.08	Cumin, ground
Black Pepper (I)	0.07	Black pepper, coarse grind
Cumin (I)	0.05	Cumin, ground
Oregano	0.05	Dried oregano leaves

Garlic Powder (I)	0.04	Garlic powder
Red Pepper	0.03	Red pepper (cayenne), ground
Citric Acid	0.03	Citric acid, anhydrous powder
<b>TOTAL</b>	<b>100.00</b>	<b>Chicken Strips in Salsa, Raw Material</b>

**Chicken with Corn and Black Beans (Thermostabilized)**

INGREDIENT	%	MATERIAL DESCRIPTION
Southwest Medley	51.18	Individually Quick Frozen (IQF) Southwest vegetable medley [REDACTED]
Diced Tomatoes	21.63	Canned diced tomatoes, premium, no salt added [REDACTED]
Chicken	20.81	Individually Quick Frozen (IQF) chicken, cooked, 1/2" diced [REDACTED]
Tomato Paste	5.88	Canned tomato paste, no salt added [REDACTED] containing 20 mg or less sodium per serving
Red Wine Vinegar	0.29	Red wine vinegar with 5% acidity
Garlic Powder	0.10	Garlic powder
Salt	0.08	Salt, pure sodium chloride, non-iodized
Black Pepper	0.02	Black pepper, coarse grind
Chili Powder	0.01	Chili powder
<b>TOTAL</b>	<b>100.00</b>	<b>Chicken with Corn and Black Beans, Raw Material</b>

### Chicken with Peanut Sauce (Thermostabilized)

INGREDIENT	%	MATERIAL DESCRIPTION
Chicken Tenders	39.39	Frozen chicken breast tenders, raw NOTE: % based on cooked chicken weight
Carrots	15.15	Fresh carrots, peeled and trimmed, ¼” sticks
Water	10.40	Water shall be from a potable source and free from contaminants
Rice Noodles	10.10	Rice sticks noodles [REDACTED] NOTE: % based on blanched noodle weight
Coconut Milk	8.48	Canned coconut milk, unsweetened, juice of coconut meat
Peanut Butter	3.16	Peanut butter, smooth, all natural, old fashioned, [REDACTED]
Water (slurry)	2.35	Water shall be from a potable source and free from contaminants
Cooking Sherry	2.02	Sherry cooking wine, seasoned with 1 ½ % salt, contains 17% alcohol, [REDACTED]
Brown Sugar	1.63	Brown sugar, light
Rice Vinegar	1.52	Rice vinegar
Garlic	0.98	Refrigerated, minced garlic in water
Sriracha Sauce	0.91	Sriracha sauce [REDACTED]
Sugar	0.76	Sugar, extra fine, granulated
Green Onions	0.61	Fresh green onions, trimmed, ¼” diced
Soy Sauce	0.51	Soy sauce, less sodium, naturally brewed [REDACTED]
Modified Food Starch	0.51	Modified food starch [REDACTED]
Sesame Oil	0.51	Sesame oil [REDACTED]
Cilantro	0.40	Fresh cilantro, chopped

Onion Powder	0.25	Onion powder
Chicken Base	0.20	Refrigerated chicken base [REDACTED]
Ginger	0.10	Ginger, ground
Cayenne Pepper	0.06	Cayenne (red) pepper, ground
<b>TOTAL</b>	<b>100.00</b>	<b>Chicken with Peanut Sauce, Raw Material</b>

### Chocolate Pudding Cake (Thermostabilized)

INGREDIENT	%	MATERIAL DESCRIPTION
Skim Milk	42.57	Fresh skim milk, U.S. Grade A, pasteurized
Sugar	18.72	Sugar, extra fine, granulated
Devil's Food Cake Mix	11.86	Devil's Food cake mix, moist deluxe [REDACTED]
Chocolate Chips	7.67	Chocolate chips, semisweet [REDACTED]
Skim Milk (Slurry)	6.52	Fresh skim milk, U.S. Grade A, pasteurized
Cocoa	5.62	Cocoa powder, American process, unsweetened, alkalized, 10-13% cocoa butter [REDACTED]
Unsalted Butter (Cookie)	3.00	Fresh unsalted butter, U.S. Grade AA, sweet cream
Unsalted Butter (Sauce)	1.70	Fresh unsalted butter, U.S. Grade AA, sweet cream
Modified Food Starch	1.70	Modified food starch, NATIONAL 465 [REDACTED]
Vanilla	0.64	Vanilla extract, pure [REDACTED]
<b>TOTAL</b>	<b>100.00</b>	<b>Chocolate Pudding Cake, Raw Material</b>



**Chocolate Pudding (Thermostabilized)**

<b>INGREDIENT</b>	<b>%</b>	<b>MATERIAL DESCRIPTION</b>
Milk	40.00	Fresh whole milk, minimum 3.3% milk fat, U.S. Grade A, pasteurized and homogenized with vitamins A and D added
Water	29.03	Water shall be from a potable source and free from contaminants.
Sugar	15.84	Sugar, extra fine, granulated
Milk (Slurry)	10.39	Fresh whole milk, minimum 3.3% milk fat, U.S. Grade A, pasteurized and homogenized with vitamins A and D added
Modified Food Starch	3.03	Modified food starch, THERMFLO [REDACTED]
Cocoa	1.51	Cocoa powder, lightly alkalized, Russet 10/12 [REDACTED]
Salt	0.20	Salt, pure sodium chloride, non-iodized
<b>TOTAL</b>	<b>100.00</b>	<b>Chocolate Pudding, Raw Material</b>

<b>Corn (Thermostabilized)</b>		
<b>INGREDIENT</b>	<b>%</b>	<b>MATERIAL DESCRIPTION</b>
Corn	100.00	Frozen corn, U.S. Grade A, fancy, super sweet [REDACTED]
Butter Buds Sprinkles	N/A	Butter Buds Sprinkles, all natural, butter flavored granules
Instant CLEARJEL	N/A	Instant CLEARJEL, instant modified food starch [REDACTED]
<b>TOTAL</b>	<b>100.00</b>	<b>Corn, Freeze Dried, Raw Material</b>

### **Cranapple Dessert (Thermostabilized)**

<b>INGREDIENT</b>	<b>%</b>	<b>MATERIAL DESCRIPTION</b>
Apples	24.94	Individually Quick Frozen (IQF) or fresh apples, Golden Delicious, Grade A Fancy, peeled and sliced
Cranberries	23.94	Individually Quick Frozen (IQF) cranberries, whole
Pineapple	15.58	Canned pineapple tidbits, 100% Hawaiian, in unsweetened pineapple juice NOTE: % of pineapple is based on drained weight
Light Brown Sugar	9.31	Light brown sugar
Apple Juice	8.07	Apple juice, 100%, unsweetened, pasteurized
Almonds	5.18	Almonds, sliced, blanched
Oats	3.64	Oats, quick, 100% rolled
Maple Syrup	3.38	Maple syrup, 100% pure, US Grade A, dark amber
Apple Juice (Slurry)	2.69	Apple juice, 100%, unsweetened, pasteurized
Unsalted Butter	1.77	Fresh unsalted butter, sweet cream, U.S. Grade AA
Modified Food Starch	1.10	Modified food starch, NATIONAL 465 <span style="background-color: black; color: black;">XXXXXXXXXX</span>
Vanilla	0.30	Vanilla extract, pure
Cinnamon	0.10	Cinnamon, ground
<b>TOTAL</b>	<b>100.00</b>	<b>Cranapple Dessert, Raw Material</b>

### Crawfish Etouffee (Thermostabilized)

INGREDIENT	%	MATERIAL DESCRIPTION
Crawfish	20.63	Frozen crawfish, cooked, peeled and deveined tail meat, 80-100 count
Diced Tomatoes	20.62	Canned diced tomatoes, premium, no salt added [REDACTED]
Water	20.52	Water shall be from a potable source and free from contaminants.
Water (Slurry)	10.93	Water shall be from a potable source and free from contaminants.
Rice	6.52	Individually Quick Frozen (IQF) rice, parboiled [REDACTED] [REDACTED]
Onions	4.72	IQF onions, 3/8" diced
Celery	3.18	Fresh celery, 3/8" diced
Green Bell Pepper	2.93	Fresh green bell pepper, 3/8" diced
Unsalted Butter	2.68	Fresh unsalted butter, sweet cream, U.S. Grade AA
Dark Toasted Flour	2.09	Dark toasted flour, soft, white wheat [REDACTED] [REDACTED]
White Cooking Wine	1.34	White cooking wine, 10% alcohol by volume [REDACTED] [REDACTED]
Filling Aid Starch	1.31	Filling aid starch, NATIONAL 150, [REDACTED]
Green Onion	0.94	Fresh green onion, 1/4" diced
Modified Food Starch	0.50	Modified food starch, CLEARJEL [REDACTED]
Red Wine Vinegar	0.38	Red wine vinegar with 5% acidity [REDACTED]
Parsley	0.18	Dried parsley flakes
Creole Seasoning	0.15	Creole seasoning, Original [REDACTED] [REDACTED]
Garlic	0.15	Refrigerated, minced garlic in water

Red Pepper Sauce	0.10	Red pepper sauce [REDACTED]
Garlic Powder	0.05	Garlic powder
Onion Powder	0.05	Onion powder
Cayenne Pepper	0.03	Ground cayenne (red) pepper
<b>TOTAL</b>	<b>100.00</b>	<b>Crawfish Etouffee, Raw Material</b>

### Curried Pumpkin Soup (Thermostabilized)

INGREDIENT	%	MATERIAL DESCRIPTION
Chicken Broth	34.30	Shelf stable chicken broth, free range, low sodium, fat free, organic [REDACTED]
Pumpkin	30.09	Canned pumpkin, 100% pure [REDACTED]
Coconut Milk	16.22	Canned coconut milk, unsweetened, organic [REDACTED]
Carrots	12.74	Frozen carrots, baby
Brown Sugar	2.14	Brown sugar, light
Shallots	1.79	Fresh shallots NOTE: % based on peeled shallots
Garlic	1.22	Refrigerated, minced garlic in water
Canola Oil	0.62	Canola oil, 100% pure
Curry Powder	0.34	Curry powder [REDACTED]
Cinnamon	0.27	Cinnamon, ground [REDACTED]
Ginger Cubes	0.25	Frozen ginger cubes, crushed [REDACTED]
Black Pepper	0.02	Black pepper, ground [REDACTED]
<b>TOTAL</b>	<b>100.00</b>	<b>Curried Pumpkin Soup, Raw Material</b>

### Curry Sauce with Vegetables (Thermostabilized)

INGREDIENT	%	MATERIAL DESCRIPTION
Potatoes	22.37	Fresh potatoes, 1/2" diced, skin-on, red
Carrots	22.37	Fresh carrots, 1/2" diced, peeled and trimmed
Water	17.93	Water shall be from a potable source and free from contaminants.
Coconut Milk	12.18	Canned coconut milk, unsweetened juice of coconut meat
Onions	8.35	Fresh onions, 1/4" diced, yellow
Water (Slurry)	5.04	Water shall be from a potable source and free from contaminants.
Tomato Paste	4.32	Canned tomato paste, no salt added [REDACTED] containing 20 mg or less sodium per serving
Garlic	2.72	Refrigerated, minced garlic in water
Filling Aid Starch	1.34	Filling aid starch, NATIONAL 150 [REDACTED]
Modified Food Starch	1.31	Modified food starch, NATIONAL 465 [REDACTED]
Sugar	0.54	Sugar, extra fine, granulated
Red Wine Vinegar	0.54	Red wine vinegar with 5% acidity [REDACTED]
Coriander	0.18	Ground coriander
Turmeric	0.18	Ground turmeric
Cumin	0.18	Ground cumin
Salt	0.16	Salt, pure sodium chloride, non-iodized
Chili Powder	0.13	Ground chili powder, light
Cardamom	0.09	Ground cardamom
Ginger	0.07	Ground ginger
<b>TOTAL</b>	<b>100.00</b>	<b>Curry Sauce with Vegetables, Raw Material</b>

## Fiesta Chicken (Thermostabilized)

INGREDIENT	%	MATERIAL DESCRIPTION
Diced Chicken Breast	23.99	Individually Quick Frozen (IQF) chicken breast, fully cooked, 1/2" diced
Diced Tomatoes	17.98	Canned diced tomatoes, premium, no salt added [REDACTED]
Chicken Broth	12.93	Canned chicken broth, low sodium, fat free
Zucchini	7.50	Fresh zucchini, 1/2" cubed
Mushrooms	7.50	Canned mushrooms, 1/8" - 1/4" sliced NOTE: Needs to be drained
Onions	5.60	Fresh (or IQF) onions, 3/4" diced
Red Bell Peppers	5.50	Canned red bell peppers, sweet, diced NOTE: Needs to be drained
Monterey Jack Cheese	5.00	Monterey Jack cheese, natural, shredded
Unsalted Butter	3.25	Fresh unsalted butter, sweet cream, U.S. Grade AA
Modified Food Starch	2.20	Modified food starch, CLEARJEL [REDACTED]
Celery	2.00	Fresh celery, 3/8" diced
Dry Cream	2.00	Dry cream/non dairy creamer, fat free
Red Wine Vinegar	1.76	Red wine vinegar with 5% acidity [REDACTED]
Fiesta Lime Seasoning Blend	0.88	Fiesta lime seasoning blend, [REDACTED] salt-free
Heavy Cream	0.86	Fresh, heavy whipping cream, Grade A, ultra pasteurized
Jalapenos	0.50	Canned jalapenos, diced [REDACTED] NOTE: Needs to be drained
Chili Powder	0.11	Chili powder, dark
Oregano	0.10	Dried oregano, whole leaves
Garlic	0.10	Refrigerated, minced garlic in water



Cumin	0.10	Cumin, ground
Coriander	0.05	Coriander, ground
Salt	0.04	Salt, pure sodium chloride, non-iodized
Black Pepper	0.04	Black pepper, coarse grind
Red Pepper	0.01	Red pepper (cayenne), ground
<b>TOTAL</b>	<b>100.00</b>	<b>Fiesta Chicken, Raw Material</b>

<b>Fruit Cocktail (Thermostabilized)</b>		
<b>INGREDIENT</b>	<b>%</b>	<b>MATERIAL DESCRIPTION</b>
Fruit Cocktail	100.00	Mixed Fruit (Fruit Cocktail) in heavy syrup <div style="background-color: black; height: 15px; width: 100%; margin-top: 5px;"></div> <div style="background-color: black; height: 15px; width: 90%; margin-top: 5px;"></div>
<b>TOTAL</b>	<b>100.00</b>	<b>Fruit Cocktail, Raw Material</b>

**Green Beans and Potatoes (Thermostabilized)**

<b>INGREDIENT</b>	<b>%</b>	<b>MATERIAL DESCRIPTION</b>
Green Beans	55.08	Frozen, Italian green beans NOTE: sometimes called pole beans
Potatoes	27.20	Fresh, red potatoes, skin-on, 3/4" diced
Water	12.60	Water shall be from a potable source and free from contaminants.
Unsalted Butter	2.69	Fresh unsalted butter, sweet cream, U.S. Grade AA
Water (Slurry)	1.63	Water shall be from a potable source and free from contaminants.
Filling Aid Starch	0.54	Filling aid starch, NATIONAL 150 [REDACTED]
Salt	0.18	Salt, pure sodium chloride, non-iodized
Black Pepper	0.08	Black pepper, coarse grind
<b>TOTAL</b>	<b>100.00</b>	<b>Green Beans and Potatoes, Raw Material</b>

**Grilled Chicken (Thermostabilized)**

<b>INGREDIENT</b>	<b>%</b>	<b>MATERIAL DESCRIPTION</b>
Chicken Breast Fillet	77.75	Raw, chicken breast fillets, thin sliced, boneless and skinless, U.S. Grade A, approximately 4 oz. each
Olive Oil	7.97	Olive oil, extra virgin
Red Wine Vinegar	7.94	Red wine vinegar with 5% acidity
Garlic	3.17	Refrigerated, minced garlic in water
Salt-Free Seasoning	2.57	Salt-free seasoning [REDACTED]
Onion Powder	0.50	Onion powder
Thyme	0.10	Dried thyme, ground
<b>TOTAL</b>	<b>100.00</b>	<b>Grilled Chicken, Raw Material</b>

### Grilled Pork Chop (Thermostabilized)

INGREDIENT	%	MATERIAL DESCRIPTION
Pork Chop	81.36	Raw pork chops, boneless, approximately 6 oz. each
Water	11.24	Water shall be from a potable source and free from contaminants.
Water (Slurry)	2.81	Water shall be from a potable source and free from contaminants.
Unsalted Butter	1.50	Fresh unsalted butter, U.S. Grade AA, sweet cream
Modified Food Starch	0.65	Modified food starch, NATIONAL 465 [REDACTED]
Olive Oil	0.63	Olive oil, extra virgin
Dried Onion	0.52	Dried onion, chopped [REDACTED]
Browning Sauce	0.37	Browning and seasoning sauce [REDACTED]
Mesquite Flavoring	0.31	Mesquite Chartone [REDACTED].
Salt-Free Seasoning	0.16	Salt-free seasoning [REDACTED]
Garlic Powder	0.15	Garlic powder
Cumin	0.12	Cumin, ground
Salt	0.10	Salt, pure sodium chloride, non-iodized
Black Pepper	0.06	Black pepper, coarse, ground
Disodium Ionosinate & Disodium Guanylate	0.02	"Ajitide" I+G disodium inosinate and disodium guanylate [REDACTED]
<b>TOTAL</b>	<b>100.00</b>	<b>Grilled Pork Chop, Raw Material</b>

### Honey Ginger Fish (Thermostabilized)

INGREDIENT	%	MATERIAL DESCRIPTION
Barramundi Fish	61.77	Frozen Barramundi (Sea bass) fish, [REDACTED] <b>NOTE: This % is based on the cooked weight of the fish</b>
Honey	7.71	Honey, Grade A
Coarse Grain Mustard	6.47	Coarse grain (stoneground) mustard [REDACTED]
Garlic	5.24	Refrigerated, minced garlic in water
Ginger Cubes	4.94	Frozen ginger cubes, crushed [REDACTED]
Balsamic Vinegar	4.94	Balsamic vinegar, [REDACTED] 6% acidity
Soy Sauce	5.48	Soy sauce, less sodium, naturally brewed [REDACTED]
Sugar	2.47	Sugar, pure cane, granulated
Corn Starch	0.49	Corn starch
Water	0.49	Water shall be from a potable source and free from contaminants.
No-Stick Cooking Spray	N/A	No-Stick cooking spray [REDACTED] <b>NOTE: Used only to spray baking pans</b>
<b>TOTAL</b>	<b>100.00</b>	<b>Honey Ginger Fish, Raw Material</b>

### Indian Fish Curry (Thermostabilized)

INGREDIENT	%	MATERIAL DESCRIPTION
Barramundi Fish	51.10	Frozen Barramundi (Sea bass) fish, [REDACTED]
Onions	19.05	Frozen, onions, 1/4" diced
Diced Tomatoes	11.77	Canned diced tomatoes, premium, no salt added [REDACTED] NOTE: % based on drained weight
Vegetable Broth	5.62	Shelf stable vegetable broth, low sodium, all natural [REDACTED]
Canola Oil	3.96	Canola oil, 100% pure
Garlic	1.98	Refrigerated, minced garlic in water
Dijon-Style Mustard	1.61	Dijon-style mustard [REDACTED]
Ginger Cubes	1.33	Frozen ginger cubes, crushed [REDACTED]
Cumin	0.86	Cumin, ground [REDACTED]
Sugar	0.69	Sugar, pure cane, granulated
Cayenne Pepper	0.65	Ground cayenne (red) pepper
Cashews	0.47	Cashews, halves, lightly salted [REDACTED]
Turmeric	0.39	Turmeric, ground [REDACTED]
Black Pepper	0.30	Black pepper, ground
Coriander	0.22	Coriander, ground [REDACTED]
Cilantro Flakes	N/A	Freeze-dried cilantro flakes [REDACTED]
<b>TOTAL</b>	<b>100.00</b>	<b>Indian Fish Curry, Raw Material</b>

### Lasagna with Meat (Thermostabilized)

INGREDIENT	%	MATERIAL DESCRIPTION
Lasagna Cheese Rolls	43.89	Frozen lasagna cheese rolls [REDACTED]
Tomato Sauce	23.47	Canned tomato sauce, premium, no salt added [REDACTED]
Beef	16.73	Fresh ground beef, raw, 90/10
Diced Tomatoes	9.16	Canned diced tomatoes, premium, no salt added [REDACTED]
Onions	3.90	Individually Quick Frozen (IQF) onions, 3/8" diced, white
Water	1.12	Water shall be from a potable source and free from contaminants.
Vegetable Base	0.64	Refrigerated vegetable base, mirepoix [REDACTED]
Sugar	0.43	Sugar, extra fine, granulated
Seasoning	0.22	Garlic and herb seasoning [REDACTED] salt-free
Modified Food Starch	0.18	Modified food starch, CLEARJEL [REDACTED]
Garlic	0.14	Refrigerated, minced garlic in water
Disodium Inosinate and Disodium Guanylate	0.05	Disodium inosinate and disodium guanylate, Ajitide I+G [REDACTED]
Tomato Paste	0.03	Canned tomato paste, no salt added [REDACTED]
Black Pepper	0.02	Black pepper, cracked
Oregano	0.01	Ground oregano
Basil	0.01	Ground basil
Cayenne Pepper	0.01	Ground cayenne (red) pepper
No-Stick Cooking Spray	N/A	No-Stick cooking spray, Original [REDACTED]  <b>NOTE:</b> Used only to spray kettle



<b>TOTAL</b>	<b>100.00</b>	<b>Lasagna with Meat, Raw Material</b>
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### Lemon Curd Cake (Thermostabilized)

INGREDIENT	%	MATERIAL DESCRIPTION
Sugar (Cake Mix)	20.29	Sugar, extra fine, granulated
Flour	19.32	Flour, all-purpose, unbleached
Sugar (Curd)	14.45	Sugar, extra fine, granulated
Unsalted Butter (Cake)	10.21	Fresh unsalted butter, sweet cream, U.S. Grade AA
Whole Eggs	9.94	Refrigerated (or frozen), liquid, whole eggs product, pasteurized, USDA inspected  <b>NOTES:</b> 1. Fresh, Grade A or better, shell eggs may be substituted 2. % of fresh eggs is based on whole eggs after they have been cracked and shelled
Fresh Lemon Juice (Curd)	6.45	Fresh lemon juice from fresh lemons
Commercial Lemon Juice	6.45	Lemon juice from concentrate, natural strength ██████████
Unsalted Butter (Cake Mix)	3.86	Fresh unsalted butter, sweet cream, U.S. Grade AA
Unsalted Butter (Curd)	2.42	Fresh unsalted butter, sweet cream, U.S. Grade AA
Water	1.88	Water shall be from a potable source and free from contaminants
Vanilla Extract	1.50	Pure vanilla extract
Baking Powder	1.31	Baking powder, double acting
Fresh Lemon Juice (Cake)	1.29	Fresh lemon juice from fresh lemons
Lemon Zest (Cake)	0.33	Fresh lemon zest from fresh lemons
Lemon Zest (Curd)	0.30	Fresh lemon zest from fresh lemons

<b>TOTAL</b>	<b>100.00</b>	<b>Lemon Curd Cake, Raw Material</b>
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### Lemon Meringue Pudding (Thermostabilized)

INGREDIENT	%	MATERIAL DESCRIPTION
Milk	44.00	Fresh whole milk, minimum 3.3% milk fat, U.S. Grade A, pasteurized and homogenized with vitamins A and D added
Water	25.33	Water shall be from a potable source and free from contaminants.
Sugar	16.16	Sugar, extra fine, granulated
Milk (Slurry)	10.00	Fresh whole milk, minimum 3.3% milk fat, U.S. Grade A, pasteurized and homogenized with vitamins A and D added
Modified Food Starch	4.03	Modified food starch, THERMFLO [REDACTED]
Lemon Flavor	0.25	Natural lemon flavor, WONF (liquid) [REDACTED]
Salt	0.20	Salt, pure sodium chloride, non-iodized
Yellow Color	0.03	Artificial egg yellow color, liquid [REDACTED]
<b>TOTAL</b>	<b>100.00</b>	<b>Lemon Meringue Pudding, Raw Material</b>

**Lentil Soup (Thermostabilized)**

<b>INGREDIENT</b>	<b>%</b>	<b>MATERIAL DESCRIPTION</b>
Water	58.30	Water shall be from a potable source and free from contaminants
Lentils	12.80	Dried lentils, orange or red
Tomato Sauce	9.00	Canned tomato sauce, premium, no salt added [REDACTED]
Onions	7.80	Frozen or fresh onions, 1/4" diced
Green Bell Pepper	5.00	Frozen or fresh green bell pepper, 3/8" diced
Carrots	5.00	Frozen or fresh carrots, 3/8" diced
Garlic	0.92	Refrigerated, minced garlic in water
Vegetarian Vegetable Base	0.90	Refrigerated, vegetarian vegetable base [REDACTED]
Cumin	0.18	Ground cumin
Cayenne Pepper	0.10	Ground cayenne (red) pepper
<b>TOTAL</b>	<b>100.00</b>	<b>Lentil Soup, Raw Material</b>

**Meatloaf (Thermostabilized)**

<b>INGREDIENT</b>	<b>%</b>	<b>MATERIAL DESCRIPTION</b>
Beef	51.00	Fresh, ground beef, 90% lean and 10% fat, 1/8" grind
Crushed Tomatoes (I)	26.44	Canned, heavy concentrated and crushed tomatoes, approximately 13% brix/NTSS [REDACTED]
Crushed Tomatoes (II)	6.97	Canned, heavy concentrated and crushed tomatoes, approximately 13% brix/NTSS [REDACTED]
Egg Product	4.29	Refrigerated egg product [REDACTED]
Brown Sugar	3.36	Light brown sugar
Crackers	2.68	Saltine crackers, unsalted tops, crushed-coarse
Vinegar	1.68	Distilled white vinegar, 50 grain
Dried Onion (I)	1.42	Dried, chopped onion [REDACTED]
Garlic (I)	0.62	Refrigerated, minced garlic in water
Salt-Free Seasoning	0.62	Salt-free seasoning [REDACTED]
Beef Base	0.41	Frozen beef base, low sodium, no MSG [REDACTED]
Salt	0.22	Salt, pure sodium chloride, non-iodized
Garlic (II)	0.14	Refrigerated, minced garlic in water
Dried Onion (II)	0.09	Dried, chopped onion [REDACTED]
Black Pepper	0.04	Black pepper, coarse grind
Oregano	0.01	Oregano leaves, dried
Basil	0.01	Basil leaves, dried
<b>TOTAL</b>	<b>100.00</b>	<b>Meatloaf, Raw Material</b>

### Minestrone Soup (Thermostabilized)

INGREDIENT	%	MATERIAL DESCRIPTION
Water	30.34	Water shall be from a potable source and free from contaminants
Diced Tomatoes	21.37	Canned diced tomatoes, premium, no salt added [REDACTED]
Onions	6.00	Fresh yellow onions, 1/4" diced
Tomato Paste	5.00	Canned tomato paste, no salt added [REDACTED] containing 20 mg or less sodium per serving
Sea Shell Pasta	4.74	Sea shell pasta, small with 2% albumen and 1/2% GMS (Glycerol Monostearate) [REDACTED] <b>NOTE:</b> % based on weight after blanching
Zucchini	4.74	Fresh zucchini <b>NOTE:</b> % based on weight with ends removed
Carrots	4.74	Fresh carrots, 3/8" diced
Celery	4.52	Fresh celery, 3/8" diced
Cannellini Beans	4.21	Canned Cannellini (white kidney) beans, no salt added [REDACTED] <b>NOTE:</b> % based on drained and rinsed beans
Red Kidney Beans	4.21	Canned kidney beans (dark red), no salt added [REDACTED] <b>NOTE:</b> % based on drained and rinsed beans
Spinach	2.89	Fresh spinach, washed and clipped
Red Cooking Wine	2.05	Red cooking wine, [REDACTED] with 1 1/2% salt [REDACTED]
Olive Oil	1.22	Olive oil, extra virgin
Filling Aid Starch	1.00	Filling aid starch, NATIONAL 150 [REDACTED]
Modified Food Starch	0.79	Modified food starch, NATIONAL 465 [REDACTED]
Red Wine Vinegar	0.75	Red wine vinegar with 5% acidity
Garlic	0.63	Refrigerated, minced garlic in water

Vegetarian Beef Flavor Base	0.55	Refrigerated, vegetarian vegetable beef flavor base [REDACTED]
Black Pepper	0.11	Black pepper, coarse grind
Disodium Inosinate & Disodium Guanylate	0.05	Disodium inosinate and disodium guanylate, Ajitide I+G [REDACTED]
Basil	0.05	Dried basil leaves
Oregano	0.04	Dried oregano leaves
<b>TOTAL</b>	<b>100.00</b>	<b>Minestrone Soup, Raw Material</b>



**Mixed Vegetables (Thermostabilized)**

<b>INGREDIENT</b>	<b>%</b>	<b>MATERIAL DESCRIPTION</b>
Mixed Vegetables	85.12	Frozen mixed vegetables [REDACTED]
Water	10.31	Water shall be from a potable source and free from contaminants.
Unsalted Butter	2.20	Fresh unsalted butter, sweet cream, U.S. Grade AA
Water (Slurry)	1.33	Water shall be from a potable source and free from contaminants.
Garlic and Herb Seasoning	0.59	Garlic and herb, salt-free seasoning [REDACTED]
Filling Aid Starch	0.44	Filling aid starch, NATIONAL 150, [REDACTED]
Black Pepper	0.01	Black pepper, coarse grind
<b>TOTAL</b>	<b>100.00</b>	<b>Mixed Vegetables, Raw Material</b>

**Pasta with Pesto Sauce (Thermostabilized)**

INGREDIENT	%	MATERIAL DESCRIPTION
Pasta	75.56	Pasta, 1 ½ inch, small spirals, with 3% egg white [REDACTED]  <b>NOTE:</b> % based on weight after blanching, pasta weight will increase by 2.75 times
Cream	9.61	Fresh, heavy whipping cream, approximately 36% milk fat, U.S. Grade A
Water	7.71	Water shall be from a potable source and free from contaminants.
Basil	3.54	Individually Quick Frozen (IQF) basil leaves, small cut [REDACTED]
Parmesan and Romano Cheese Blend	1.33	Parmesan and Romano cheese, grated, 100% [REDACTED]
Garlic	0.97	Refrigerated, minced garlic in water
Vinegar	0.49	Vinegar, distilled, white [REDACTED]
Salt-Free Seasoning Blend	0.39	Salt-free seasoning blend, garlic and herb [REDACTED]
Salt	0.21	Salt, pure sodium chloride, non-iodized
Parmesan Cheese Flavor Base	0.13	Parmesan cheese flavor base [REDACTED]
Black Pepper	0.06	Black pepper, table/coarse grind
<b>TOTAL</b>	<b>100.00</b>	<b>Pasta with Pesto Sauce, Raw Material</b>

**Pickled Beets (Thermostabilized)**

<b>INGREDIENT</b>	<b>%</b>	<b>MATERIAL DESCRIPTION</b>
Beets	80.16	Individually Quick Frozen (IQF) beets [REDACTED]
Sugar	10.19	Sugar, pure cane, granulated
Apple Cider Vinegar	6.16	Apple cider vinegar, 5% acidity
Extra Light Olive Oil	3.16	Extra light olive oil [REDACTED]
Mustard Powder	0.33	Mustard powder, yellow [REDACTED]
<b>TOTAL</b>	<b>100.00</b>	<b>Pickled Beets, Raw Material</b>

**Potato Medley (Thermostabilized)**

INGREDIENT	%	MATERIAL DESCRIPTION
Sweet Potatoes	30.45	Fresh sweet potatoes, peeled, 1” cubed NOTE: pre-cut potatoes are used and % is based on raw weight
Russet Potatoes	30.45	Fresh russet potatoes, peeled, 3/4” diced NOTE: pre-cut potatoes are used and % is based on raw weight
Red Potatoes	24.35	Fresh red potatoes, skin-on, 3/4” diced NOTE: pre-cut potatoes are used and % is based on raw weight
Chicken Broth	7.31	Canned chicken broth, 100% fat free, 33% less sodium [REDACTED] [REDACTED]
Balsamic Vinegar	3.05	Balsamic vinegar with 6% acidity
Olive Oil	3.05	Olive oil, extra virgin
Garlic	1.22	Garlic, chopped in water
Thyme	0.12	Dried thyme, whole leaves
<b>TOTAL</b>	<b>100.00</b>	<b>Potato Medley, Raw Material</b>

**Potato Soup (Thermostabilized)**

<b>INGREDIENT</b>	<b>%</b>	<b>MATERIAL DESCRIPTION</b>
Water (II)	28.09	Water shall be from a potable source and free from contaminants.
Potatoes	22.65	Fresh russet potatoes, peeled, 3/8" diced
Whole Milk	22.47	Fresh whole milk, U.S. Grade A, pasteurized and homogenized
Water (III)	12.81	Water shall be from a potable source and free from contaminants.
Mashed Potatoes	4.21	Mashed potatoes, dry (instant), Classic brand [REDACTED]
Onions	3.51	Fresh onions, yellow, 1/4" diced
Water (I)	2.02	Water shall be from a potable source and free from contaminants.
Filling Aid Starch	1.23	Modified food starch, NATIONAL 150 [REDACTED]
Unsalted Butter	1.17	Fresh unsalted butter, sweet cream, U.S. Grade AA
Butter Flavor Granules	0.67	Butter flavor granules, 50% less sodium [REDACTED]
Garlic	0.53	Refrigerated, minced garlic in water
Vegetarian Vegetable Base	0.38	Vegetarian Vegetable Base, reduced sodium [REDACTED]
Black Pepper	0.08	Black pepper, ground
Modified Food Starch	0.08	Modified food starch, CLEARJEL [REDACTED]
Chives	0.01	Freeze-dried chives
Thyme	0.01	Thyme, ground
<b>TOTAL</b>	<b>100.00</b>	<b>Potato Soup, Raw Material</b>

### Red Beans and Rice (Thermostabilized)

INGREDIENT	%	MATERIAL DESCRIPTION
Water	50.30	Water shall be from a potable source and free from contaminants
Red Beans	23.30	Dried red beans, small <b>NOTE:</b> % based on soaked beans weight
Rice	7.50	Individually Quick Frozen (IQF) white rice, parboiled [REDACTED] [REDACTED]
Navy Bean Flakes	6.49	Navy bean flakes [REDACTED]
Water (slurry)	4.40	Water shall be from a potable source and free from contaminants
Onions	2.80	Fresh yellow onions, 1/4" diced
Celery	2.60	Fresh celery, 1/4" diced
Filling Aid Starch	0.99	Filling aid starch, NATIONAL 150 [REDACTED]
Caramelized Garlic Base	0.46	Refrigerated, caramelized garlic base [REDACTED] [REDACTED]
Red Pepper Sauce	0.46	Red pepper sauce, Tabasco brand [REDACTED]
Caramelized Onion Base	0.33	Refrigerated, caramelized onion base [REDACTED] [REDACTED]
Liquid Smoke	0.13	Liquid smoke, natural, Code 6 [REDACTED]
Disodium Inosinate and Disodium Guanylate	0.07	Disodium inosinate and disodium guanylate, [REDACTED] [REDACTED]
Garlic and Herb Seasoning	0.06	Garlic and herb seasoning [REDACTED], salt-free
Red Pepper	0.04	Red pepper (cayenne), ground
Garlic Powder	0.04	Garlic powder
Oregano	0.03	Dried oregano leaves

Distilled Water	N/A	Distilled water, pure <b>NOTE:</b> Used to soak dried red beans
<b>TOTAL</b>	<b>100.00</b>	<b>Red Beans and Rice, Raw Material</b>

**Rice with Butter (Thermostabilized)**

<b>INGREDIENT</b>	<b>%</b>	<b>MATERIAL DESCRIPTION</b>
Rice	95.13	Individually Quick Frozen (IQF) rice, parboiled from Sage V Foods (Product# QF00000-64)
Unsalted Butter	4.33	Fresh unsalted butter, sweet cream, U.S. Grade AA
Salt	0.43	Salt, pure sodium chloride, non-iodized
Black Pepper	0.11	Black pepper, ground
<b>TOTAL</b>	<b>100.00</b>	<b>Rice with Butter, Raw Material</b>



### Seafood Gumbo (Thermostabilized)

INGREDIENT	%	MATERIAL DESCRIPTION
Water	18.78	Water shall be from a potable source and free from contaminants.
Diced Tomatoes	13.47	Canned diced tomatoes, premium, no salt added [REDACTED] <b>NOTE:</b> % based on drained weight
Crab	9.83	Refrigerated (not frozen) crab meat, jumbo lump, pasteurized
Water (Slurry)	9.63	Water shall be from a potable source and free from contaminants.
Crawfish	8.25	Frozen crawfish, cooked, peeled and deveined tail meat, 80-100 count
Onions	7.90	Fresh onions, 1/4" diced, yellow
Shrimp	7.36	Individually Quick Frozen (IQF) shrimp, cooked, peeled, deveined, tail-off, 40-50 count
Celery	6.21	Fresh celery, 3/8" diced
Green Bell Peppers	5.09	Fresh green bell pepper, 1/4" diced
Green Chiles	2.65	Canned green chiles, diced [REDACTED] <b>NOTE:</b> % based on drained weight
Modified Food Starch	2.36	Modified food starch, NATIONAL 465 [REDACTED]
Apple Cider Vinegar	2.20	Apple cider vinegar [REDACTED]
Sausage	2.16	Dry jalapeno pencil sausage [REDACTED] <b>NOTE:</b> Fully cooked product that shall be kept refrigerated.
Butter	1.80	Fresh unsalted butter, sweet cream, U.S. Grade AA
Medium Toasted Flour	1.00	Medium toasted flour, sprouted wheat [REDACTED] [REDACTED]
Chicken Base	0.52	Refrigerated chicken base, low sodium no MSG [REDACTED] [REDACTED]

Garlic	0.34	Refrigerated, minced garlic in water
Salt Free Creole Seasoning	0.24	Creole seasoning, salt free [REDACTED]
File' Powder	0.07	Gumbo file' powder [REDACTED]
Disodium Inosinate and Disodium Guanylate	0.05	Disodium inosinate and disodium guanylate, Ajitide I+G [REDACTED]
Oregano	0.05	Dried oregano, whole leaves, Mediterranean
Black Pepper	0.04	Black pepper, ground
<b>TOTAL</b>	<b>100.00</b>	<b>Seafood Gumbo, Raw Material</b>

### Southwestern Corn (Thermostabilized)

INGREDIENT	%	MATERIAL DESCRIPTION
Corn (Puree)	32.13	Frozen yellow corn, whole kernel
Corn	30.30	Frozen yellow corn, whole kernel
Water (Slurry)	11.88	Water shall be from a potable source and free from contaminants
Water	11.70	Water shall be from a potable source and free from contaminants
Roasted Red Peppers	4.40	Individually Quick Frozen (IQF), roasted red bell peppers, ¼” diced ██
Onions	4.21	Fresh onions, ¼” diced, yellow
Half and Half	2.15	Fresh half and half, Grade A, ultrapasteurized, homogenized, minimum 10.5% milkfat
Jalapeno Peppers	1.00	Fresh jalapeno peppers, ¼” diced
Filling Aid Starch	0.54	Filling aid starch, NATIONAL 150 ██████████
Unsalted Butter	0.50	Fresh, U.S. Grade AA, sweet cream, unsalted butter
Roasted Garlic Base	0.30	Refrigerated, roasted garlic base ██████████
Roasted Onion Base	0.30	Refrigerated, roasted onion base from Eatem Foods ██████████
Cumin	0.25	Ground cumin
Cilantro	0.20	Fresh cilantro, fine cut
Salt	0.09	Salt, pure sodium chloride, non-iodized
Black Pepper	0.05	Black pepper, coarse grind
<b>TOTAL</b>	<b>100.00</b>	<b>Southwestern Corn, Raw Material</b>

### Split Pea Soup (Thermostabilized)

INGREDIENT	%	MATERIAL DESCRIPTION
Water	72.82	Water shall be from a potable source and free from contaminants
Split Peas	16.54	Dry split green peas
Whole Milk	4.07	Fresh whole milk, minimum 3.3% fat, U.S. Grade A, pasteurized and homogenized with vitamins A & D added
Ham	3.91	Ham steak, boneless [REDACTED] <b>NOTE:</b> % based on weight after skin has been removed
Filling Aid Starch	0.89	Filling aid starch, NATIONAL 150 [REDACTED]
Ham Base	0.84	Refrigerated ham base, low sodium with no added MSG [REDACTED] [REDACTED]
Red Wine Vinegar	0.44	Red wine vinegar with 5% acidity
Natural Flavor	0.35	Salt Pro Flex [REDACTED]
Disodium Inosinate & Disodium Guanylate	0.07	Disodium inosinate and disodium guanylate, Ajitide I+G [REDACTED] [REDACTED]
Black Pepper	0.04	Black pepper, coarse grind
Liquid Smoke	0.03	Liquid smoke, all natural hickory seasoning [REDACTED]
<b>TOTAL</b>	<b>100.00</b>	<b>Split Pea Soup, Raw Material</b>

### Sweet and Sour Pork (Thermostabilized)

INGREDIENT	%	MATERIAL DESCRIPTION
Pork	25.22	Fresh pork tenderloin (no brine) [REDACTED]
Pineapple	12.48	Canned pineapple chunks, Hawaiian, in heavy syrup
Sugar	11.00	Sugar, pure cane, granulated
Water	10.00	Water shall be from a potable source and free from contaminants
Carrots	7.98	Fresh carrots, 1/2" diced
Chicken Broth	7.47	Canned chicken broth, low sodium, Central Market Organics brand [REDACTED]
Onion	6.49	Fresh white onion, 3/4" diced
Red Wine Vinegar	6.00	Red wine vinegar with 5% acidity
Green Bell Pepper	5.99	Fresh green bell pepper, 1/2" diced
Water (Slurry)	3.00	Water shall be from a potable source and free from contaminants
Modified Food Starch	2.00	Modified food starch, NATIONAL 465 [REDACTED]
Vegetable Oil	1.13	Vegetable oil, pure
Soy Sauce	1.10	Soy sauce, less sodium, naturally brewed [REDACTED]
Garlic Powder	0.07	Garlic powder
Red Pepper	0.05	Red pepper (cayenne), ground
Oleoresin Paprika	0.02	Oleoresin paprika
<b>TOTAL</b>	<b>100.00</b>	<b>Sweet and Sour Pork, Raw Material</b>

### Tomato Basil Soup (Thermostabilized)

INGREDIENT	%	MATERIAL DESCRIPTION
Crushed Tomatoes	73.14	Canned, crushed tomatoes [REDACTED] NOTE: maximum 90 mg sodium per serving
Skim Milk	8.62	Fresh skim milk, fat free, U.S. Grade A, pasteurized and homogenized
Heavy Cream	7.00	Fresh, heavy whipping cream, Grade A, ultra pasteurized
Fat-Free Half & Half	5.00	Fresh, fat-free half & half, grade A, ultra pasteurized
Skim Milk (Slurry)	2.88	Fresh skim milk, fat free, U.S. Grade A, pasteurized and homogenized
Brown Sugar	1.50	Brown sugar, light
Modified Food Starch	1.20	Modified food starch, THERMFLO [REDACTED]
Black Pepper	0.15	Coarse, ground, black pepper
Basil	0.14	Dried basil, whole leaves, sweet
Oregano	0.11	Dried oregano, whole leaves, Mediterranean
Caramelized Garlic Base	0.09	Refrigerated, caramelized garlic base [REDACTED]
Red Wine Vinegar	0.07	Red wine vinegar with 5% acidity [REDACTED]
Salt	0.05	Salt, pure sodium chloride, non-iodized
Vegetable Base	0.05	Refrigerated vegetable base, mirepoix [REDACTED]
<b>TOTAL</b>	<b>100.00</b>	<b>Tomato Basil Soup, Raw Material</b>

### Tomatoes and Eggplant (Thermostabilized)

INGREDIENT	%	MATERIAL DESCRIPTION
Diced Tomatoes	34.69	Canned tomatoes, diced, premium, no salt added [REDACTED]
Zucchini	14.65	Fresh zucchini, 1/2" diced
Onion	12.99	Fresh yellow onions, 1/2" diced
Eggplant	12.19	Fresh eggplant, 3/4" diced
Red Bell Pepper	6.09	Fresh red bell pepper, 1/2" diced
Green Bell Pepper	6.09	Fresh green bell pepper, 1/2" diced
Tomato Sauce	4.06	Canned tomato sauce, premium, no salt added [REDACTED]
Tomato Paste	2.64	Canned tomato paste, no salt added [REDACTED] containing 20 mg or less sodium per serving
Olive Oil	2.54	Olive oil, extra virgin
Water	1.62	Water shall be from a potable source and free from contaminants
Modified Food Starch	1.02	Modified food starch, NATIONAL 465 [REDACTED]
Garlic	0.78	Refrigerated, minced garlic in water
Salt	0.33	Salt, pure sodium chloride, non-iodized
Black Pepper	0.11	Black pepper, coarse grind
Disodium Inosinate & Disodium Guanylate	0.11	Disodium inosinate and disodium guanylate, [REDACTED]
Basil	0.04	Dried basil leaves
Oregano	0.04	Dried oregano leaves
Coriander	0.01	Coriander, ground
<b>TOTAL</b>	<b>100.00</b>	<b>Tomatoes and Eggplant, Raw Material</b>





**Tropical Fruit Salad (Thermostabilized)**

<b>INGREDIENT</b>	<b>%</b>	<b>MATERIAL DESCRIPTION</b>
Tropical Fruit	56.59	Canned tropical fruit in light syrup and passion fruit juice [REDACTED] NOTE: % of fruit is based on drained weight
Mango	43.41	Individually Quick Frozen (IQF) mango chunks, no sugar added
<b>TOTAL</b>	<b>100.00</b>	<b>Tropical Fruit Salad, Raw Material</b>

## Tuna Noodle Casserole (Thermostabilized)

INGREDIENT	%	MATERIAL DESCRIPTION
Water	28.31	Water shall be from a potable source and free from contaminants.
Tuna	13.67	Canned tuna, Albacore, water pack, no salt added [REDACTED]
Spiral Pasta	10.53	Pasta, 1 ½ inch, small spirals, with 3% egg white [REDACTED]
Heavy Whipping Cream	7.44	Fresh, heavy whipping cream, U.S. Grade A, ultra-pasteurized
Mushrooms	7.25	Fresh mushrooms, 1/8" – 1/4" sliced
Sour Cream	7.21	Fresh sour cream, cultured, U.S. Grade A
Onions	6.83	Fresh yellow onions, 3/8" diced
Celery	5.26	Fresh celery, 3/8" diced
Chicken Broth	3.95	Canned chicken broth, low sodium [REDACTED]
Peas	3.15	Individually Quick Frozen (IQF) peas, baby sweet
Unsalted Butter	2.10	Fresh unsalted butter, U.S. Grade AA, sweet cream
Filling Aid Starch	1.44	Modified food starch, NATIONAL 150 [REDACTED]
Modified Food Starch	1.13	Modified food starch, CLEARJEL [REDACTED]
Vegetable Shortening	0.74	Vegetable shortening, trans fat free, organic from Spectrum
Sugar	0.52	Sugar, extra fine, granulated
Salt	0.16	Salt, pure sodium chloride, non-iodized
Mustard Powder	0.12	Dried mustard powder, ground
Black Pepper	0.12	Black pepper, coarse, ground
Celery Seed	0.07	Dried celery seed, ground

<b>TOTAL</b>	<b>100.00</b>	<b>Tuna Noodle Casserole, Raw Material</b>
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**Turkish Fish Stew (Thermostabilized)**

<b>INGREDIENT</b>	<b>%</b>	<b>MATERIAL DESCRIPTION</b>
Barramundi Fish	32.00	Frozen Barramundi (Sea bass) fish [REDACTED]
Stewed Tomatoes	21.58	Canned, stewed tomatoes, no salt added NOTE: % based on drained weight
Artichoke Hearts	14.93	Shelf stable, artichoke hearts, quartered, marinated [REDACTED] NOTE: % based on drained weight
Green Bell Peppers	10.75	Frozen, green bell peppers, 1/4" diced
Onions	9.83	Frozen, onions, 1/4" diced
Ripe Olives	4.10	Canned, ripe (black), sliced olives [REDACTED] NOTE: % based on drained weight
Olive Oil	1.87	Olive oil, extra virgin
White Cooking Wine	1.83	White cooking wine [REDACTED]
Lemon Juice	1.05	Shelf stable, lemon juice from concentrate, [REDACTED]
Capers	0.77	Shelf stable capers, imported, gourmet, non-pareil [REDACTED] NOTE: % based on drained weight
Garlic	0.55	Refrigerated, minced garlic in water
Sumac Powder	0.23	Sumac powder, ground [REDACTED]
Ginger Cubes	0.23	Frozen ginger cubes, crushed [REDACTED]
Crushed Red Pepper	0.14	Crushed red pepper flakes [REDACTED]
Cumin	0.14	Cumin, ground [REDACTED]
<b>TOTAL</b>	<b>100.00</b>	<b>Turkish Fish Stew, Raw Material</b>

**Vanilla Pudding (Thermostabilized)**

<b>INGREDIENT</b>	<b>%</b>	<b>MATERIAL DESCRIPTION</b>
Milk	44.00	Fresh whole milk, minimum 3.3% milk fat, U.S. Grade A, pasteurized and homogenized with vitamins A and D added
Water	25.35	Water shall be from a potable source and free from contaminants.
Sugar	16.16	Sugar, extra fine, granulated
Milk (Slurry)	10.00	Fresh whole milk, minimum 3.3% milk fat, U.S. Grade A, pasteurized and homogenized with vitamins A and D added
Modified Food Starch	4.04	Modified food starch, THERMFLO [REDACTED]
Vanilla Flavor	0.25	Natural and artificial vanilla flavor, liquid, "Best," 16 to 1 [REDACTED]
Salt	0.20	Salt, pure sodium chloride, non-iodized
<b>TOTAL</b>	<b>100.00</b>	<b>Vanilla Pudding, Raw Material</b>

### Vegetarian Vegetable Soup (Thermostabilized)

INGREDIENT	%	MATERIAL DESCRIPTION
Water	36.38	Water shall be from a potable source and free from contaminants.
Diced Tomatoes	22.03	Canned diced tomatoes, premium, no salt added [REDACTED]
Corn	6.78	Frozen corn, whole kernel
Carrots	6.78	Frozen carrots, 1/4" sliced
Green Beans	6.58	Individually Quick Frozen (IQF) green beans, 1" pieces
Potatoes	4.77	Frozen potatoes, 1"x 1"x 1/2" pieces
Onions	4.29	Frozen yellow onions, 3/4" diced
Celery	4.19	Fresh celery, 3/8" diced
Peas	3.89	IQF, sweet peas, baby
Modified Food Starch	1.49	Modified food starch, NATIONAL 465 [REDACTED]
Vegetarian Vegetable Base	1.32	Refrigerated, vegetarian vegetable base [REDACTED]
Sugar	0.50	Sugar, granulated, pure cane
Roasted Garlic Base	0.40	Refrigerated, roasted garlic base [REDACTED]
Red Pepper Sauce	0.26	Red pepper sauce, Tabasco [REDACTED]
Disodium Inosinate & Disodium Guanylate	0.10	"Ajitide" I+G disodium inosinate and disodium guanylate [REDACTED]
Parsley	0.08	Dried parsley flakes
Savory	0.07	Savory, ground
Black Pepper	0.03	Black pepper, coarse grind
Marjoram	0.02	Marjoram, ground
Basil	0.02	Dried basil leaves
Oregano	0.02	Dried oregano leaves

<b>TOTAL</b>	<b>100.00</b>	<b>Vegetarian Vegetable Soup, Raw Material</b>
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<b>Vegetable Casserole (Thermostabilized)</b>		
<b>INGREDIENT</b>	<b>%</b>	<b>MATERIAL DESCRIPTION</b>
Stewed Tomatoes	19.95	Canned, stewed tomatoes, no salt added [REDACTED] <b>NOTE:</b> % based on drained weight
Ricotta Cheese	10.54	Ricotta cheese, fat free [REDACTED]
Yellow Squash	9.85	Fresh yellow squash, whole <b>NOTE:</b> % based on weight with ends trimmed
Zucchini	8.87	Fresh zucchini, whole <b>NOTE:</b> % based on weight with ends trimmed
Mozzarella Cheese	8.15	Mozzarella cheese, finely shredded [REDACTED]
Water (slurry)	4.99	Water shall be from a potable source and free from contaminants.
Asparagus	4.93	Frozen asparagus, cuts and tips [REDACTED]
Bell Pepper Blend	4.93	Frozen, tri-colored bell peppers, organic [REDACTED]
Mushrooms	4.93	Fresh white mushrooms, sliced
Eggplant	4.93	Fresh eggplant, whole <b>NOTE:</b> % based on weight with ends trimmed
Tomato Paste	3.82	Canned tomato paste [REDACTED]
Modified Food Starch	2.68	Modified food starch, PURITY 87 [REDACTED]
Whole Eggs	2.51	Fresh, Grade A or better, shell eggs <b>NOTES:</b> 1. % of fresh eggs is based on whole eggs after they have been cracked and shelled 2. If available, frozen, pasteurized, USDA inspected, whole eggs may be used.
White Cooking Wine	2.17	White cooking wine [REDACTED]
Parmesan Cheese	1.97	Parmesan cheese, finely shredded, [REDACTED]



Onion	1.52	Frozen onion, diced ████████████████████
Baby Spinach	1.32	Fresh baby spinach, organic
Extra Light Olive Oil	1.18	Olive oil, extra light ██████████
Garlic	0.29	Refrigerated, minced garlic in water
Sugar	0.18	Sugar, pure cane, granulated
Basil	0.18	Fresh basil
Parsley	0.08	Dried parsley, flakes ██████████
Black Pepper	0.03	Black pepper, ground ██████████
Oregano	0.02	Dried oregano, leaves ██████████
No-Stick Cooking Spray	N/A	No-Stick cooking spray, Original, ██████████ <b>NOTE:</b> Used only to spray baking pans
<b>TOTAL</b>	<b>100.00</b>	<b>Vegetable Casserole, Raw Material</b>