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SECTION C

This document covers thermostabilized sweet and sour pork packaged in a polymeric tray for use by the Department of Defense as a component of operational rations.

C-1 ITEM DESCRIPTION

PCR-P-032A, PORK IN SWEET AND SOUR SAUCE, PACKAGED IN A POLYMERIC TRAY, SHELF STABLE

Types.

Type I - Diced

Type II – Pork chop patty

C-2 PERFORMANCE REQUIREMENTS

A. Product standard. A sample shall be subjected to first article (FA) or product demonstration model (PDM) inspection as applicable, in accordance with the tests and inspections of Section E of this Performance-based Contract Requirements (PCR) document. The approved sample shall serve as the product standard. Should the contractor at any time plan to, or actually produce the product using different raw material or process methodologies from the approved Product Standard, which result in a product non comparable to the Product Standard, the contractor shall arrange for a new or alternate FA or PDM approval. In any event, all product produced must meet all requirements of this document including Product Standard comparability.

B. Commercial sterility. The packaged food shall be processed until commercially sterile.

C. Shelf life. The packaged product shall meet the minimum shelf life requirement of 36 months at 80°F.

D. Appearance.

(1) General. For Type I, the finished product shall be diced pork in sweet and sour sauce. For Type II, the finished product shall be ten intact boneless chunked and formed pork chop patties in sweet and sour sauce. The packaged food shall be free from foreign materials.

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The packaged food shall be practically free of bone or bone fragments, cartilage, coarse connective tissue, tendons or ligaments, and glandular material.

(2) Type I.

a. Pork. The diced pork shall be sizes typically produced by a one inch dicer setting. The pork dices shall have a cooked pork color.

b. Sauce. The sauce shall be a golden yellow color with pineapple tidbits and small dices of tomatoes and green bell pepper throughout.

(3) Type II.

a. Pork. The intact boneless pork chop patty shall be chunked and formed and have a cooked pork color.

b. Sauce. The sauce shall be glossy, translucent, and dark golden to amber in color with sliced water chestnuts, and pineapple tidbits, and 3/8 inch diced red and green bell peppers, and diced onion. The sauce shall be moderately thick.

E. Odor and flavor.

(1) General. The packaged food shall have an odor and flavor of cooked pork in sweet and sour sauce. The packaged food shall be free from foreign odors and flavors.

(2) Sauce. The sauce shall have the odor and flavor of sweet and sour sauce with vinegar, pineapple and bell pepper.

F. Texture.

(1) Type I.

a. Pork. The pork dices shall be slightly dry to slightly moist and tender.

b. Sauce. The sauce shall be smooth and moderately thick.

c. Pineapple tidbits. The pineapple tidbits shall be moist and slightly firm.

d. Green bell pepper dices. The green bell pepper dices shall be soft.

(2) Type II.

a. Pork. The pork chop patty shall be moist and tender.

b. Sauce. The sauce shall be smooth and moderately thick.

c. Pineapple tidbits. The pineapple tidbits shall be moist and slightly firm.

d. Bell pepper and onion dices. Bell pepper and onion dices shall be slightly soft to slightly firm.

e. Water chestnuts. The water chestnuts shall be crunchy.

G. Net weight.

(1) Type I. The average net weight shall be not less than 94 ounces. No individual polymeric tray shall have a net weight of less than 92 ounces.

(2) Type II. The average net weight shall be not less than 88 ounces. No individual polymeric tray shall have a net weight less than 86 ounces.

H. Drained weight.

(1) Type I. The average drained weight shall be not less than 40.0 ounces. The drained weight of the pork dices, tomato dices, green bell pepper dices, and pineapple tidbits (combined) in an individual polymeric tray shall be not less than 36.0 ounces.

(2) Type II.

a. Pork chop patty, pineapple tidbits, and vegetables. The average drained weight of the pork chop patties, pineapple tidbits, and vegetables (combined) shall be not less than 46.0 ounces. The drained weight of the pork chop patties, pineapple tidbits, and vegetables (combined) in an individual polymeric tray shall be not less than 42.0 ounces.

Comment [NSR1]: Natick case ES09-130, change 01, 12 June 09; C-2.H(2)a. Line 1, after "patty" insert ", pineapple tidbits,". Line 2, after "patties" insert ", pineapple tidbits," and place parentheses around "combined". Line 3, after "patties" insert ", pineapple tidbits,".

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b. Pork chop patty. The average drained weight of ten intact pork chop patties shall be not less than 33.0 ounces. The drained weight of ten intact pork chop patties in an individual polymeric tray shall be not less than 31.0 ounces.

I. Palatability and overall appearance. The finished product shall be equal to or better than the approved product standard in palatability and overall appearance.

J. Analytical requirements.

(1) Protein content. The protein content of Type I shall be not less than 8.5 percent.

(2) Fat content. The fat content shall be not greater than 9.0 percent.

(3) Salt content. The salt content shall be not less than 0.5 percent and not greater than 1.3 percent.

C-3 MISCELLANEOUS INFORMATION

THE FOLLOWING IS INFORMATION ONLY TO PROVIDE THE BENEFIT OF PAST GOVERNMENT EXPERIENCE. THIS IS NOT A MANDATORY CONTRACT REQUIREMENT.

A. Ingredients/formulation. Ingredients and formulation percentages for the sauce may be as follows:

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Type I.

<u>Ingredients</u>	<u>Percent by weight</u>
Water	31.30
Canned pineapple tidbits, drained <u>1/</u>	13.00
Light brown sugar	10.00
Canned diced tomatoes, drained <u>1/</u>	7.50
Apple cider vinegar	6.50
Granulated white sugar	6.00
Frozen diced onions	6.00
Pineapple juice <u>1/</u>	5.00
Modified starch	5.00
Frozen diced green peppers	4.00
Tomato juice <u>1/</u>	2.50
Salt <u>2/</u>	1.30
Vegetable oil	1.00
Lite soy sauce	0.50
Ground ginger	0.40

1/ The pineapple juice and the tomato juice used in development were the drained portions from the canned pineapple tidbits and canned tomatoes used in the formulation.

2/ The total amount of salt in the sauce formula shall be adjusted as necessary to produce a product that complies with the finished salt requirements.

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Type II.

<u>Ingredients</u>	<u>Percent by weight</u>
Pineapple juice, unsweetened	13.80
Sugar, light brown	12.45
Vinegar, distilled, white	12.26
Chicken broth, low sodium, low fat	10.42
Pineapple tidbits, juice packed, drained	9.65
Water	9.01
Water chestnuts, sliced, canned, drained	7.36
Pepper, red bell, diced, frozen	6.63
Onion, white, diced, frozen	6.30
Modified starch <u>1/</u>	4.99
Pepper, green bell, diced, frozen	4.09
Soy sauce, low sodium	3.05

1/ National 1457 starch was used.

B. Product preparation. Percentages for product preparation may be as follows:

Type I.

<u>Ingredients</u>	<u>Percent by weight</u>
Sauce	58.0
Blanched pork dices (approximately 70 percent yield)	42.0

Type II.

<u>Ingredients</u>	<u>Percent by weight</u>
Sauce	63.0
Pork chop patty <u>1/</u>	37.0

1/ Product used was Pork Choppettes from the JTM Foodgroup.

SECTION D

D-1 PACKAGING

A. Preservation. Product shall be filled into polymeric trays and the trays with protective sleeves shall conform to the requirements of section 3 of MIL-PRF-32004, Packaging of Food in Polymeric Trays. Verification testing and inspection of trays, lids and sleeves shall be in accordance with Section 4 of MIL-PRF-32004 and the Quality Assurance Provisions of Section E of this Performance-based Contract Requirements document.

B. Polymeric tray closure. The filled, sealed, and processed tray shall be securely closed.

D-2 LABELING

A. Polymeric tray body. The polymeric tray body shall be clearly printed or stamped, in a manner that does not damage the tray, with permanent ink of any contrasting color, which is free of carcinogenic elements. One end of the polymeric tray (see figure 1 of MIL-PRF-32004) shall be marked with the product name and number of portions. If the tray body end markings are not readily legible in low light conditions, a small, easily legible label shall be applied, but not over any existing tray markings. All other markings may be applied along the tray body side. To avoid erroneous marking of trays, the product name, lot number and filling equipment number shall be applied prior to processing. Additional tray marking may be applied before or after processing. 1/

Tray body markings shall include:

- (1) Product name. Commonly used abbreviations may be used.
- (2) Tray code includes: 2/
 - Lot Number
 - Filling equipment identification number
 - Retort identification number
 - Retort cook number

1/ As an alternate method, tray body markings may be clearly printed or stamped onto the polymeric tray lid prior to processing, in a manner that does not damage the lid, with permanent ink of any contrasting color, which is free of carcinogenic elements, provided that the required markings are applied onto the tray body after processing.

2/ The lot number shall be expressed as a four digit Julian code. The first digit shall indicate the year of production and the next three digits shall indicate the day of the year (Example,

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14 February 2007 would be coded as 7045). The Julian code shall represent the day the product was packaged into the tray and processed. Sublotting (when used) shall be represented by an alpha character immediately following the four digit Julian code. Following the four digit Julian code and the alpha character (when used), the other required code information shall be printed in the sequence as listed above.

B. Polymeric tray lid. The lid shall be clearly printed or stamped, in a manner that does not cause damage. Permanent ink of any contrasting color, which is free of carcinogenic elements, shall be used. As an alternate labeling method, a pre-printed self-adhering 0.002 inch thick clear polyester label printed with indelible contrasting color ink may be used.

Note: The font tested by Natick was Microsoft Helvetica. The font used shall be similarly clear/easy to read as Helvetica. The recommended font sizes are as follows: 22 for the product name, 14 for “yield” and “to heat in water.” If an additional note is required on the label, such as “fluff before serving,” it should also be in font size 14. All other information should be in font size 9.

(1) Lid labeling shall include:

- Product name
- Ingredients
- Net weight
- Name and address of packer
- Official establishment legend
- “Nutrition Facts” label in accordance with the Nutrition Labeling and Education Act (NLEA) and all applicable USDA regulations.

(2) Lid labeling shall also show the following statements:

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Type I.

YIELD: Serves 18 portions of approximately 2/3 cup each of pork in sweet and sour sauce.

TO HEAT IN WATER: Submerge unopened tray in water. Bring water to a boil. Simmer gently 35-40 minutes. Avoid overheating (tray shows evidence of bulging).

WARNING: Do not heat tray in oven.

TO TRANSPORT AFTER HEATING: Insert tray back into protective sleeve to protect during transport. If sleeve is unavailable, stack trays lid-to-lid with fiberboard pads in between.

CAUTION: Use care when opening as pressure may have been generated within the tray.

TO OPEN: Using a clean knife, cut the lidding around the inside perimeter of the tray seals.

SUGGESTION: Cut lid along 3 sides and fold over uncut portion. Fold back to keep unused portions protected.

Type II.

YIELD: Serves 10 portions of 1 pork chop patty and approximately 2/3 cup of sweet and sour sauce each.

TO HEAT IN WATER: Submerge unopened tray in water. Bring water to a boil. Simmer gently 35-40 minutes. Avoid overheating (tray shows evidence of bulging).

WARNING: Do not heat tray in oven.

TO TRANSPORT AFTER HEATING: Insert tray back into protective sleeve to protect during transport. If sleeve is unavailable, stack trays lid-to-lid with fiberboard pads in between.

CAUTION: Use care when opening as pressure may have been generated within the tray.

TO OPEN: Using a clean knife, cut the lidding around the inside perimeter of the tray seals.

SUGGESTION: Cut lid along 3 sides and fold over uncut portion. Fold back to keep unused portions protected.

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D-3 PACKING

A. Packing for shipment to ration assembler. Four filled, sealed, processed and sleeved polymeric trays shall be packed in a snug fitting fiberboard box conforming to style RSC-L, type CF, grade 275 of ASTM D 5118/D 5118M, Standard Practice for Fabrication of Fiberboard Shipping Boxes. The sleeved trays shall be placed flat with the first two trays placed with the lids together and the next two trays with the lids together. The box shall be closed in accordance with ASTM D 1974, Standard Practice for Methods of Closing, Sealing, and Reinforcing Fiberboard Boxes.

D-4 UNITIZATION

A. Unit loads. Unit loads shall be as specified in DSCP FORM 3507, Loads, Unit: Preparation of Semiperishable Subsistence Items.

D-5 MARKING

A. Shipping containers and unit loads. Marking of shipping containers and unit loads shall be as specified in DSCP FORM 3556 Marking Instructions for Boxes, Sacks, and Unit Loads of Perishable and Semiperishable Subsistence.

SECTION E INSPECTION AND ACCEPTANCE

The following quality assurance criteria, utilizing ANSI/ASQ Z1.4, Sampling Procedures and Tables for Inspection by Attributes, are required. Unless otherwise specified, Single Sampling Plans indicated in ANSI/ASQ Z1.4 will be utilized. When required, the manufacturer shall provide the Certificate(s) of Conformance to the appropriate inspection activity. Certificate(s) of Conformance not provided shall be cause for rejection of the lot.

A. Definitions.

(1) Critical defect. A critical defect is a defect that judgment and experience indicate would result in hazardous or unsafe conditions for individuals using, maintaining, or depending on the item; or a defect that judgment and experience indicate is likely to prevent the performance of the major end item, i.e., the consumption of the ration.

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(2) Major defect. A major defect is a defect, other than critical, that is likely to result in failure, or to reduce materially the usability of the unit of product for its intended purpose.

(3) Minor defect. A minor defect is a defect that is not likely to reduce materially the usability of the unit of product for its intended purpose, or is a departure from established standards having little bearing on the effective use or operation of the unit.

B. Classification of inspections. The inspection requirements specified herein are classified as follows:

(1) Product standard inspection. The first article or product demonstration model shall be inspected in accordance with the provisions of this document and evaluated for overall appearance and palatability. Any failure to conform to the performance requirements or any appearance or palatability failure, shall be cause for rejection of the lot. The approved first article or product demonstration model shall be used as the product standard for periodic review evaluations. All food components that are inspected by the USDA shall be subject to periodic review sampling and evaluation. The USDA shall select sample units during production of contracts and submit them to the following address for evaluation:

US Army Research, Development and Engineering Command
Natick Soldier Research, Development, and Engineering Center
AMSRD-NSC-CF-F
15 Kansas Street
Natick, MA 01760-5018

One lot shall be randomly selected during each calendar month of production. Two (2) sample units of each item produced shall be randomly selected from that one production lot. The two (2) sample units shall be shipped to Natick within five working days from the end of the production month and upon completion of all USDA inspection requirements. The sample units will be evaluated for the characteristics of appearance, odor, flavor, texture and overall quality.

(2) Conformance inspection. Conformance inspection shall include the examinations and the methods of inspection cited in this section.

E-5 QUALITY ASSURANCE PROVISIONS (PRODUCT)

A. Product examination. The finished product shall be examined for compliance with the performance requirements specified in Section C of this Performance-based Contract

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Requirements document utilizing the double sampling plans indicated in ANSI/ASQ Z1.4. The lot size shall be expressed in trays. The sample unit shall be the contents of one tray. The inspection level shall be S-3 and the acceptable quality level (AQL), expressed in terms of defects per hundred units, shall be 4.0 for major defects and 6.5 for minor defects. Defects and defect classifications are listed in table I below. The trays shall be heated in accordance with the heating instructions from the tray label prior to conducting any portion of the product examination. The samples for drained weight inspection shall be selected using the same sampling criteria as above.

TABLE I. Product defects 1/ 2/ 3/ 4/ 5/

Category		Defect
<u>Major</u>	<u>Minor</u>	
101		Product not type as specified.
102		Bone or bone fragment measuring more than 0.3 inch in any dimension.
	201	Total weight of cartilage, coarse connective tissue, tendons or ligaments, and glandular material more than 2.0 ounces.
		<u>Appearance</u>
	202	Product not a cooked pork color.
	203	Type I sauce not a golden yellow color with pineapple tidbits or small dices of tomatoes or green bell pepper throughout.
	204	Type II sauce not glossy or not translucent or not dark golden amber color with sliced water chestnuts, or not with pineapple tidbits, or not with diced red or green bell peppers, or not with diced onions.
		<u>Odor and flavor</u>
103		Not an odor or flavor of cooked pork in sweet and sour sauce with vinegar, pineapple or bell pepper.
104		The sauce does not have the odor or flavor of sweet and sour sauce.

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TABLE I. Product defects cont'd 1/ 2/ 3/ 4/ 5/

Category		Defect
Major	Minor	
		<u>Texture</u>
	205	Type I pork dices not slightly dry to slightly moist or not tender.
	206	Type II pork chop patty not moist or not tender.
	207	Sauce not smooth.
	208	Sauce not moderately thick.
	209	Pineapple tidbits not moist or not slightly firm.
	210	Type I green bell pepper dices not soft.
	211	Type II bell pepper or diced onion not slightly soft to slightly firm.
	212	Type II water chestnuts not crunchy.
		<u>Net weight</u>
	213	Type I net weight of an individual polymeric tray less than 92 ounces. <u>6/</u>
	214	Type II net weight of an individual polymeric tray less than 86 ounces. <u>7/</u>
		<u>Drained weight</u>
	215	Type I drained weight of the pork dices, tomato dices, green bell pepper dices, and pineapple tidbits (combined) in an individual polymeric tray less than 36.0 ounces. <u>8/</u>
	216	Type II drained weight of ten intact pork chop patties in an individual polymeric tray less than 31.0 ounces. <u>9/</u>
	217	Type II drained weight of pork chop patties, pineapple tidbits, and vegetables (combined) in an individual polymeric tray less than 42.0

Comment [NSR2]: Natick case ES09-130, change 01, 12 June 09; E-5.A, Table I, Minor defect 217, after "patties" insert " , pineapple tidbits, ".

ounces. 10/

1/ Presence of any foreign materials such as but not limited to, dirt, insect parts, hair, wood, glass, metal, or mold or the presence of any foreign odors or flavors such as, but not limited to burnt, scorched, rancid, sour, or stale shall be cause for rejection of the lot.

2/ Finished product not equal to or better than the approved product standard in palatability and overall appearance shall be cause for rejection of the lot.

3/ For Type I, dicer size requirement for pork dices shall be verified by a Certificate of Conformance (CoC). For Type II, requirement for chunked and formed pork chop patty shall be verified by CoC.

4/ The finding of any individual polymeric tray containing less than 10 intact pork chop patties shall be cause for rejection of the lot.

5/ Dicer size requirement for bell pepper dices shall be verified by a CoC.

6/ Type I sample average net weight less than 94 ounces shall be cause for rejection of the lot.

7/ Type II sample average net weight less than 88 ounces shall be cause for rejection of the lot.

8/ Type I sample average drained weight of pork dices, tomato dices or pineapple tidbits less than 40.0 ounces shall be cause for rejection of the lot.

9/ Type II sample average drained weight of ten intact pork chop patties less than 33.0 ounces shall be cause for rejection of the lot.

10/ Type II sample average drained weight of pork chop patties, **pineapple tidbits**, and vegetables (combined) less than 46.0 ounces shall be cause for rejection of the lot.

Comment [NSR3]: Natick case ES09-130 change 01, 12 June 09; E-5.A, Table I, Footnote 10/, after "patties" insert ", pineapple tidbits,".

B. Methods of inspection.

(1) Commercial sterility. Commercial sterility shall be verified in accordance with USDA/FSIS regulations.

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(2) Shelf life. The contractor shall provide a Certificate of Conformance that the product has a 36 month shelf life when stored at 80°F. Government verification may include storage for 6 months at 100°F or 36 months at 80°F. Upon completion of either storage period, the product will be subjected to a sensory evaluation panel for appearance and palatability and must receive an overall score of 5 or higher based on a 9 point hedonic scale to be considered acceptable.

(3) Net weight. The net weight of the filled and sealed polymeric tray shall be determined by weighing each sample unit on a suitable scale tared with a representative empty tray and lid. Results shall be reported to the nearest 1 ounce.

(4) Drained weight. To determine drained weight, the contents shall be poured into a flat bottom container. A minimum of three times the polymeric tray's volume of not less than 140°F water shall be added to the container so as to cover the contents. The contents and water shall be gently agitated so as to liquefy rendered fat and to remove sauce without breaking up the diced pork or pork chop patties. The contents shall be poured into a U.S. Standard Number 7 sieve in a manner that will distribute the product over the sieve without breaking the diced pork or pork chop patties. Sieve area shall be such that the distributed product does not completely cover all the openings of the sieve. For type II only, remove any excess pork chop patties and pieces of pork so that the ten intact pork chop patties remain. The sieve shall be tilted at such an angle so as to assure complete drainage of liquid from the product. Drain product for two minutes before determining the drained weight by subtracting the sieve tare weight from the gross weight. For type II only, to determine drained weight of intact pork chop patties, remove the ten intact pork chop patties from the sieve, reweigh the drained vegetables and pineapple tidbits, and subtract this weight from the drained weight of vegetables, pineapple tidbits, and pork chop patties. The drained weight(s) shall be reported to the nearest 0.5 ounce.

Comment [NSR4]: Natick case ES09-130, change 01, 12 June 09, E-5.B(4). Line 14, after "drained vegetables" insert " and pineapple tidbits". After "of vegetables" insert ", pineapple tidbits,".

(5) Analytical. The sample to be analyzed shall be a one-pound composite of three filled and sealed polymeric trays that have been selected at random from one production lot. The composite sample shall be prepared and analyzed in accordance with the following Official Methods of Analysis (OMA) of AOAC International.

<u>Test</u>	<u>Method Number</u>
Protein	984.13 or 992.15
Fat	985.15
Salt	935.47

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Test results shall be reported to the nearest 0.1 percent. Verification will be conducted through actual testing by a Government laboratory. Any result not conforming to the analytical requirements shall be cause for rejection of the lot.

E-6 QUALITY ASSURANCE PROVISIONS (PACKAGING AND PACKING MATERIALS, POLYMERIC TRAY)

A. Packaging and labeling.

(1) Polymeric tray testing. For purposes of clarification, the polymeric tray without the lid will be referred to as the “tray” and the polymeric tray with the lid shall be referred to as the “container”. The polymeric tray with protective sleeve and polymeric tray material shall be examined for the characteristics listed in table I of MIL-PRF-32004, Packaging of Food in Polymeric Trays. The lot size, sample unit, and inspection level criteria are provided in table II below for each of the test characteristics. Any test failure shall be classified as a major defect and shall be cause for rejection of the lot. For rough handling survivability at frozen temperature, polymeric tray survival rate shall be at least 85 percent.

TABLE II. Polymeric tray quality assurance criteria
Prior to processing

Characteristic	Lot size expressed in	Sample unit	Inspection level
Tray configurations and dimensions	Trays	1 tray	S-1
Oxygen gas transmission rate of tray	Trays	1 tray	S-1
Oxygen gas transmission rate of lid	Yards	1/2 yard	S-1
Water vapor transmission rate of tray	Trays	1 tray	S-1
Water vapor transmission rate of lid	Yards	1/2 yard	S-1
Camouflage	Containers	1 container	S-1

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<u>After processing</u>			
Characteristic	Lot size expressed in	Sample unit	Inspection level
Processing	Trays	1 tray	S-2
Rough handling survivability	Test containers	1 container	S-2
Protective sleeve	Containers	1 container	S-1
Residual gas	Containers	1 container	S-1
Closure seal	Containers	1 container	S-1
Internal pressure	Containers	1 container	S-1
Lid opening	Containers	1 container	S-1

(2) Examination of container. The container with protective sleeve removed shall be examined for the defects listed in table II of MIL-PRF-32004 and the labeling defects listed in table III below. The lot size shall be expressed in containers. The sample unit shall be one processed and labeled container. The inspection level shall be I and the AQL, expressed in terms of defects per hundred units, shall be 0.65 for major A defects, 2.5 for major B defects, and 4.0 for minor defects. Two hundred sample units shall be examined for critical defects. The finding of any critical defect shall be cause for rejection of the lot.

TABLE III. Container labeling defects

Category		Defect
<u>Major A</u>	<u>Minor</u>	
101		Polymeric tray lid or body labeling missing, or incorrect or illegible.
	201	When a pre-printed self adhering label is used, the label not adhering to tray lid (for example, label raised or peeled back from edge to corner) or presence of any areas of gaps along the

perimeter of the label where the label is not properly adhered.

(3) Label adhesive examination. When self-adhering labels are used, the adhesive shall be tested in accordance with ASTM D 3330/D 3330M, Standard Test Method for Peel Adhesion of Pressure-Sensitive Tape. In lieu of testing, a CoC shall be provided.

B. Packing.

(1) Shipping container and marking examination. The filled and sealed shipping containers shall be examined for the defects listed in table IV below. The lot size shall be expressed in shipping containers. The sample unit shall be one shipping container fully packed. The inspection level shall be S-3 and the AQL, expressed in terms of defects per hundred units, shall be 4.0 for major defects and 10.0 for total defects.

TABLE IV. Shipping container and marking defects

Category		Defect
<u>Major</u>	<u>Minor</u>	
101		Marking missing or incorrect or illegible.
102		Inadequate workmanship. <u>1/</u>
	201	Arrangement or number of polymeric trays not as specified.

1/ Inadequate workmanship is defined as, but not limited to, incomplete closure of container flaps, loose strapping, inadequate stapling, improper taping, or bulged or distorted container.

C. Unitization.

(1) Unit load examination. The unit load shall be examined in accordance with the requirements of DSCP FORM 3507, Loads, Unit: Preparation of Semiperishable Subsistence Items. Any nonconformance shall be classified as a major defect.

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SECTION J REFERENCE DOCUMENTS

DSCP FORMS

DSCP FORM 3507 Loads, Unit: Preparation of Semiperishable Subsistence
Items

DSCP FORM 3556 Marking Instructions for Boxes, Sacks, and Unit Loads of
Perishable and Semiperishable Subsistence

MILITARY SPECIFICATIONS

MIL-PRF-32004 Packaging of Food in Polymeric Trays

NON-GOVERNMENTAL STANDARDS

AMERICAN SOCIETY FOR QUALITY (ASQ)

ANSI/ASQ Z1.4-2003 Sampling Procedures and Tables for Inspection by
Attributes

ASTM INTERNATIONAL

D 1974-98 (2003) Standard Practice for Methods of Closing,
Sealing, and Reinforcing Fiberboard Boxes

D 3330/D 3330M-04 Standard Test Method for Peel Adhesion of
Pressure-Sensitive Tape

D 5118/D 5118M-05a Standard Practice for Fabrication of Fiberboard
Shipping Boxes

AOAC INTERNATIONAL

Official Methods of Analysis (OMA) of the AOAC International

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RDNS-CFF

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SUBJECT: ES09-130; Document changes to PCR-P-032A, Pork in Sweet and Sour Sauce, Packaged in a Polymeric Tray, Shelf Stable, Type II – Pork chop patty, drained weight

1. USDA submitted to DSCP the observation that subject document Type II – Pork chop patty contains pineapple tidbits that might need to be included in the total drained weight values. This would alter the Minor defect 217 description (include pineapple tidbits in text) and methods of inspection area in document (add pineapple tidbits in text), since pineapples are not considered a vegetable.

2. Natick concurs with USDA's observation and recommends that DSCP implement the following changes for the current, pending and future procurements until the subject document is formally amended or revised.

a. Section C-2 Performance Requirements, H. Drained weight. (2) Type II a. Pork chop patty and vegetables. Line 1, after "patty" insert ", pineapple tidbits,".

b. Section C-2,H(2),a. Line 2, after "patties" insert ", pineapple tidbits," and place parentheses around "combined".

c. Section C-2,H(2),a. Line 3, after "patties" insert ", pineapple tidbits,".

d. Section E-5 Quality Assurance Provisions (Product), A. Product examination, Table I. Product defects. Minor defect 217, after "patties" insert ", pineapple tidbits,".

e. Section E-5,A,Table I. Footnote 10/, after "patties" insert ", pineapple tidbits,".

f. Section E-5,B. Methods of inspection, (4) Drained weight. Line 14, after "drained vegetables" insert " and pineapple tidbits". After "of vegetables" insert ", pineapple tidbits,".

3. USDA also inquired with DSCP whether the Type II - Pork chop patty should have a protein requirement. Several years ago, during a Quality Summit, after much debate, the decision was to either use a protein requirement or a drained weight requirement. The decision as to which requirement would be used would be determined on a case by case

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basis. When this document was developed, it was determined that a drained weight would be sufficient. Natick does not recommend the addition of a protein requirement for Type II – Pork chop patty.

4. Attached is PCR-S-032A, Change 01, dated 12 Jun 09 with changes highlighted.