

SECTION C

This document covers shelf stable buffalo style chicken packaged in a flexible pouch for use by the Department of Defense as a component of operational rations.

C-1 ITEM DESCRIPTION

PCR-B-065, BUFFALO STYLE CHICKEN, PACKAGED IN A FLEXIBLE POUCH, SHELF STABLE

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 noncomparable to the product standard, the contractor shall submit a replacement FA or PDM for 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. The finished product shall be cooked whole muscle chicken breast meat in a buffalo style sauce. The finished product shall be free from foreign materials.

(2) Chicken. The chicken shall be whole muscle chicken breast meat (void of any finely ground product) and may contain rib meat. The chicken shall not be from a log product. The cooked whole muscle chicken breast meat shall be pieces and shreds and shall be an off-white to light tan color and may have a reddish-orange color from the sauce. The cooked chicken pieces shall be $1 \pm 1/4$ inches in size. The packaged food shall be practically free of skin, bone or bone fragments, cartilage, coarse connective tissue, tendons or ligaments, and discolored meat.

(3) Sauce. The sauce shall be glossy, semi-translucent, moderately thick and shall be a reddish-orange color.

PCR-B-065
6 June 2025
W/Change 01 15 June 26 ES26-032 (DSCP-SS-26-00596)

E. Odor and flavor. The packaged food shall have an odor and flavor of cooked chicken, moderate cayenne pepper, vinegar sour, buttery, and the product shall elicit a sensation of mild to moderate heat. The packaged food shall be free from foreign odors and flavors.

F. Texture.

(1) Chicken. The cooked whole muscle chicken breast meat pieces and shreds shall be moist and tender.

(2) Sauce. The sauce shall be smooth and moderately thick.

G. Net weight. The average net weight shall be not less than 5.0 ounces (142 grams). The net weight of an individual pouch shall be not less than 4.5 ounces (128 grams).

H. Drained weight.

(1) Sieve size 5/16 inch. The average drained weight of the chicken on the 5/16 inch sieve shall be not less than 1.9 ounces (55 grams). The drained weight of the chicken in an individual pouch on the 5/16 inch sieve shall be not less than 1.6 ounces (45 grams).

(2) Sieve size U.S. Standard No. 7. The average drained weight of the chicken on the No. 7 sieve shall be not greater than ~~45~~20 grams. The drained weight of the chicken in an individual pouch on the No. 7 sieve shall be not greater than ~~20~~30 grams.

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) Fat. The fat content shall be not greater than 5.0 percent.

(2) Salt. The salt content shall be not greater than 2.4 percent.

SECTION D

D-1 PACKAGING

Product shall be filled into pouches and sealed in accordance with MIL-PRF-44073, Packaging of Food in Flexible Pouches, Type I, Style 1.

D-2 LABELING

A. Pouches. Each pouch shall be correctly and legibly labeled. Printing ink shall be permanent black ink or any other contrasting color, which is free of carcinogenic elements. Prior to thermal processing of the pouches, the product name, lot number, filling equipment number and time stamp shall be applied. All other marking may be applied before or after thermal processing.

(1) Product name (not less than 1/8 inch high). Commonly used abbreviations may be used.

(2) Pouch code includes: 1/

Lot number
Filling equipment identification number
Official establishment number (Optional)
Retort identification number and Retort cook number (Optional)
Time stamp (Hour and minute of filling/sealing operation)

(3) U.S. Department of Agriculture (USDA) official inspection legend for the packer's plant 2/

1/ Each pouch shall have the date of pack noted by using either a four-digit code or five-digit code. When using the four-digit code, begin with the final digit of the current year followed by the three-digit Julian code. For example, 14 February 2050 would be coded as 0045. When using the five-digit code, begin with the decade digit of the current year followed by the three-digit Julian code. For example, 14 February 2050 would be coded as 50045. The Julian code shall represent the day the product was packaged into the pouch.

2/ May be placed on the paperboard sleeve if labeled under USDA/Food Safety and Inspection Service (FSIS) supervision as an identification service.

B. Paperboard sleeves.

(1) The sleeves shall be clearly printed on one of the panels with permanent black ink as follows: 1/

Product name (7/32 to 9/32 inch block letters)
Ingredients
Net weight
Name and address of packer
"Nutrition Facts" label in accordance with the Nutrition Labeling

**PCR-B-065
6 June 2025
W/Change 01 15 June 26 ES26-032 (DSCP-SS-26-00596)**

and Education Act (NLEA) and all applicable USDA regulations

1/ With contracting officer approval, this information may be printed on the pouch in lieu of the paperboard sleeve.

(2) The product shall be formulated and labeled in accordance with all USDA labeling regulations and policies. The sleeves (or pouches, as applicable) shall be labeled with the following product name:

BUFFALO STYLE CHICKEN

D-3 PACKING

A. Packing. Not more than 40 pounds of product shall be packed in a fiberboard shipping box constructed in accordance with style RSC of ASTM D5118/D5118M, Standard Practice for Fabrication of Fiberboard Shipping Boxes. The fiberboard shall conform to type CF, class D, variety SW, minimum burst grade 200 or ECT 32 of ASTM D4727/D4727M, Standard Specification for Corrugated and Solid Fiberboard Sheet Stock (Container Grade) and Cut Shapes. Each box shall be closed in accordance with ASTM D1974/D1974M, Standard Practice for Methods of Closing, Sealing, and Reinforcing Fiberboard Boxes.

D-5 MARKING

A. Shipping containers. Shipping containers shall be marked in accordance with DLA Troop Support 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.

PCR-B-065
6 June 2025
W/Change 01 15 June 26 ES26-032 (DSCP-SS-26-00596)

(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 appearance, odor, flavor, and texture. Any failure to conform to the performance requirements or any appearance or palatability failure shall be cause for rejection of the lot.

(2) Periodic review evaluation. 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:

COMBAT CAPABILITIES DEVELOPMENT COMMAND (DEVCOM) SOLDIER CENTER
FCDD-SCD-SCR
10 GENERAL GREENE AVENUE
NATICK, MA 01760-5000

One lot shall be randomly selected during each calendar month of production or as otherwise specified in the contract. Three (3) sample units shall be randomly selected from that one production lot. The three (3) sample units shall be shipped to DEVCOM Soldier Center within five (5) working days from the end of the production month from which they are randomly selected and upon completion of all USDA inspection requirements. The sample units will be evaluated for overall quality against the current first article or product demonstration model.

(3) Conformance inspection. Conformance inspection shall include the examinations/tests and methods of inspection cited in this section and in section 4 of MIL-PRF-44073.

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

PCR-B-065
6 June 2025
W/Change 01 15 June 26 ES26-032 (DSCP-SS-26-00596)

Requirements document utilizing the double sampling plans indicated in ANSI/ASQ Z1.4. The lot size shall be expressed in pouches. The sample unit shall be the contents of one pouch. The inspection level shall be S-3 and the acceptable quality level (AQL), expressed in terms of defects per hundred units, shall be 1.5 for major defects and 4.0 for minor defects. Defects and defect classifications are listed in table I. The pouches shall be immersed in not less than 140°F and not greater than 190°F water for 10 minutes prior to conducting the product examination. For drained weight inspection, a separate set of pouches shall be selected from the lot using the same sampling criteria as above.

TABLE I. Product defects 1/ 2/

Category		Defect
<u>Major</u>	<u>Minor</u>	
		<u>Appearance</u>
101		Finished product not cooked whole muscle chicken breast meat or not in a buffalo style sauce. <u>3/</u>
	201	Cooked whole muscle chicken breast meat not pieces or not shreds or not an off-white to light tan color. <u>4/</u>
	202	Cooked chicken pieces not 1 ± 1/4 inches in size. <u>5/</u>
102		Bone or bone fragment measuring more than 0.3 inch in any dimension.
	203	Total weight of skin, cartilage, coarse connective tissue, tendons or ligaments, and discolored meat more than 0.20 ounce (5.7 grams).
	204	Sauce not glossy or not semi-translucent or not moderately thick or not a reddish-orange color.
		<u>Odor and flavor</u>
103		The packaged food does not have an odor or flavor of cooked chicken or not moderate cayenne pepper or not vinegar sour or not buttery or the product does not elicit a sensation of mild to moderate heat.
		<u>Texture</u>
	205	Cooked whole muscle chicken breast meat pieces or shreds not moist or not tender.

PCR-B-065
6 June 2025
W/Change 01 15 June 26 ES26-032 (DSCP-SS-26-00596)

TABLE I. Product defects 1/ 2/ - Continued

<u>Category</u>	<u>Defect</u>
<u>Major</u>	<u>Minor</u>
206	Sauce not smooth or not moderately thick.
	<u>Net weight</u>
207	Net weight of an individual pouch less than 4.5 ounces (128 grams). <u>6/</u>
	<u>Drained weight</u>
208	Drained weight of the chicken in an individual pouch on the 5/16 inch sieve less than 1.6 ounces (45 grams). <u>7/</u>
209	Drained weight of the chicken in an individual pouch on the No. 7 sieve greater than 20 30 grams. <u>8/</u>

1/ Presence of any foreign materials such as, but not limited to dirt, insect parts, hair, glass, wood, or metal, or any foreign odors or flavors such as, but not limited to burnt, scorched, rancid, sour, stale, musty or moldy 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/ Requirement that the chicken be whole muscle chicken breast meat, with or without rib meat, (void of any finely ground product), not from a log product, shall be verified by a Certificate of Conformance (CoC).

4/ Reddish-orange color from the sauce shall not be scored as a defect.

5/ Size of the chicken pieces shall be verified by visual examination.

6/ Sample average net weight less than 5.0 ounces (142 grams) shall be cause for rejection of the lot.

7/ Sample average drained weight of the chicken on the 5/16 inch sieve less than 1.9 ounces (55 grams) shall be cause for rejection of the lot.

8/ Sample average drained weight of the chicken on the No. 7 sieve greater than ~~15~~20 grams shall be cause for rejection of the lot.

PCR-B-065
6 June 2025
W/Change 01 15 June 26 ES26-032 (DSCP-SS-26-00596)

B. Methods of inspection.

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

(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 quality scale to be considered acceptable.

(3) Net weight. The net weight of the filled and sealed pouches shall be determined by weighing each sample on a suitable scale tared with a representative empty pouch. Results shall be reported to the nearest 0.1 ounce or to the nearest 1 gram.

(4) Drained weight. Use both a 5/16 inch sieve and a U.S. Standard No. 7 sieve for the drained weight examination. Heat all the pouches at the same time for 10 minutes in hot water. 1/ Pour the contents of the pouch into a flat-bottom container and repeatedly add hot water until all of the product has been removed from the pouch. 1/ Additional hot water may be added to the flat-bottom container so as to cover all of the contents. 1/ The mixture shall be gently agitated so as to liquefy rendered fat without breaking the product. 2/ The mixture shall not sit for greater than two minutes. Stack the 5/16 inch sieve on top of the U.S. Standard No. 7 sieve. The contents shall then be poured into the sieves in a manner that will distribute the product over the sieves without breaking up the product. The sieve area shall be such that the distributed product does not completely cover all the openings of the sieve. The sieve shall be tilted at an angle from 30 to 45 degrees to ensure complete drainage of liquid from the product. Drain product for two minutes. Place the 5/16 inch sieve and its contents onto the scale and tare the scale to zero. Remove the chicken from the sieve by turning the sieve upside down and dumping the product. Place the sieve back on the scale, record the weight as a positive number; this value is the drained weight of the chicken on the 5/16 inch sieve. Place the U.S. Standard No. 7 sieve and its contents onto the scale and tare the scale to zero. Remove the chicken from the sieve by turning the sieve upside down and dumping the product. Place the sieve back on the scale, record the weight as a positive number; this value is the drained weight of the chicken on the U.S. Standard No. 7 sieve. When necessary, rinse the screen before performing the next drained weight exam. The drained weight shall be reported to the nearest 0.1 ounce or to the nearest 1 gram. 3/

1/ Water temperature shall be not less than 140°F and not greater than 165°F.

PCR-B-065
6 June 2025
W/Change 01 15 June 26 ES26-032 (DSCP-SS-26-00596)

2/ Additional hot water may be required for completely removing sauce and liquefying rendered fat.

3/ The initial unit of measurement shall be maintained throughout the exam (example: if ounce is used, the unit of measurement shall remain as ounces throughout the exam).

(5) Analytical. The sample to be analyzed shall be a composite of eight filled and sealed pouches which have been selected at random from one lot. The composite sample shall be prepared and analyzed in accordance with the following methods of the Official Methods of Analysis (OMA) of AOAC International:

<u>Test</u>	<u>Method Number</u>
Fat	960.39, 991.36, 2007.04, or 2008.06
Salt	935.47 or 971.27

Test results shall be reported to the nearest 0.1 percent. Government 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)

A. Packaging.

(1) Pouch material testing. The pouch material, pouch and sleeve, as applicable, in accordance with the lot size, sample unit, and inspection level criteria shall be tested for the performance characteristics listed in table I of MIL-PRF-44073, Packaging of Food in Flexible Pouches for Type I. Any test failure shall be classified as a major defect and shall be cause for rejection of the lot.

(2) Filled and sealed pouch examination. The filled and sealed commercially sterile pouches shall be examined for the defects listed in table II of MIL-PRF-44073 for Type I. The lot size shall be expressed in pouches. The sample unit shall be one thermal processed pouch. 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.

(3) Paperboard sleeve or paperboard insert card examination. The sleeve or insert card (as applicable) shall be examined for the defects listed in table III of MIL-PRF-44073 for Type I. The lot size shall be expressed in units of sleeves or insert cards. The sample unit shall be one sleeve or one insert card. The inspection level shall be S-3 and the AQL,

PCR-B-065
6 June 2025
W/Change 01 15 June 26 ES26-032 (DSCP-SS-26-00596)

expressed in terms of defects per hundred units, shall be 0.65 for major defects and 2.5 for minor defects.

B. Packing.

(1) Shipping container and marking examination. The filled and sealed shipping containers shall be examined for the defects listed in table II. 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 II. 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	More than 40 pounds of product.

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.

SECTION J REFERENCE DOCUMENTS

Unless otherwise specified, the applicable version of these documents is that which is active on the date of the solicitation or contract.

DLA Troop Support Form

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

DEPARTMENT OF DEFENSE SPECIFICATION

MIL-PRF-44073 Packaging of Food in Flexible Pouches

(Copies of this document are available online at <https://quicksearch.dla.mil>)

NON-GOVERNMENTAL STANDARDS

PCR-B-065
6 June 2025
W/Change 01 15 June 26 ES26-032 (DSCP-SS-26-00596)

AMERICAN SOCIETY FOR QUALITY (ASQ) www.asq.org

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

ASTM INTERNATIONAL www.astm.org

D1974/D1974M Standard Practice for Methods of Closing, Sealing, and
 Reinforcing Fiberboard Boxes

D4727/D4727M Standard Specification for Corrugated and Solid
 Fiberboard Sheet Stock (Container Grade) and Cut Shapes

D5118/D5118M Standard Practice for Fabrication of Fiberboard Shipping
 Boxes

AOAC INTERNATIONAL www.aoac.org

Official Methods of Analysis (OMA) of AOAC International