

METRIC

A-A-20036B

October 23, 2000

SUPERSEDING

A-A-20036A

February 8, 1988

COMMERCIAL ITEM DESCRIPTION

MUSTARD, PREPARED

The U.S. Department of Agriculture (USDA) has authorized the use of this Commercial Item Description.

1. SCOPE. This Commercial Item Description (CID) covers market varieties of prepared mustard, packed in commercially acceptable containers, suitable for use by Federal, State, local governments, and other interested parties; and as a component of operational rations.

2. PROCUREMENT NOTES.

2.1 Purchasers shall specify the following:

- Type(s) of prepared mustard required. (Sec. 3).
- When analytical requirements are different than specified (Sec. 6.1).
- When analytical requirements need to be verified (Sec. 6.2).
- Manufacturer's/distributor's certification. (Sec. 9.2) or USDA certification (Sec. 9.3).

2.2 Purchasers may specify the following:

- Manufacturer's quality assurance (Sec 9.1 with 9.1.1) or (Sec 9.1 with 9.1.2).

3. CLASSIFICATION. The prepared mustard shall conform to the types in the following list which shall be specified in the solicitation, contract, or purchase order.

Types.

- Type I** - Yellow (salad style)
- Type II** - Spicy Brown
- Type III** - Dijon
- Type IV** - Honey
- Type V** - Other

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4. MANUFACTURER'S/DISTRIBUTOR'S NOTES. Manufacturer's/distributor's products shall meet the requirements of the:

- Salient characteristics (Sec. 5).
- Analytical requirements: *as specified by the purchaser* (Sec. 6).
- Manufacturer's/distributor's product assurance (Sec. 7).
- Regulatory requirements (Sec. 8).
- Quality assurance provisions: *as specified by the purchaser* (Sec. 9).

5. SALIENT CHARACTERISTICS.

5.1 Ingredients. The prepared mustard shall be manufactured from ground mustard seed, vinegar, turmeric, salt and spices. Yellow mustard seed, *Brassica hirt Moench*, shall be used in Type I - Yellow (salad style) mustard. Brown mustard seed, *Brassica juncea*, shall be used in Types II – IV. The prepared mustard may contain other ingredients appropriate for the type of mustard specified. Added gums or artificial colors are not permitted. The prepared mustard shall contain no added starch-bearing material other than turmeric (Alleppy Type), ginger, and black pepper.

5.2 Finished product. The finished product shall be free of hulls in excess of natural seed content. The prepared mustard shall be free from any foreign, astringent, medical flavor notes, or other objectionable flavors or odors.

5.2.1 Type I - Yellow (Salad style) mustard shall have a smooth consistency, free from coarse particles. The yellow mustard shall have a mild mustard flavor with slight acid taste.

5.2.2 Type II - Spicy Brown mustard shall have a slightly thick consistency, medium yellow color with visible brown specks. The spicy brown mustard shall have a mild spicy flavor with a slight vinegar taste.

5.2.3 Type III - Dijon mustard shall have smooth, creamy consistency and yellow-beige color. The Dijon mustard shall have a mild, pungent, salty flavor.

5.2.4 Type IV - Honey mustard shall have a smooth, creamy consistency and golden yellow color. The honey mustard shall have a mild honey and mustard flavor.

5.3 Foreign material. The prepared mustard shall be free of foreign material such as, but not limited to, dirt, hair, rodent, and insect infestation.

5.4 Age requirement. Unless otherwise specified in the solicitation, contract, or purchase order, prepared mustard shall not be over 60 days old at time of delivery.

6. ANALYTICAL REQUIREMENTS.

6.1 Analytical requirements. Unless otherwise specified in the solicitation, contract, or purchase order, the analytical requirements for the prepared mustard shall comply with the following tolerances:

Yeast	Less than 10 colony forming units (CFU) per gram
Mold	Less than 10 CFU per gram
<i>Coliform</i>	Less than 10 CFU per gram
Aerobic Plate Count	Less than 40,000 per gram in any sample

TABLE I. Analytical requirements (percent by weight)

Types	Titratable acidity (As acetic acid)	Salt	Total solids (Percent minimum)
Type I - Yellow	2.60 - 3.50	2.70 - 3.50	15.5
Type II - Spicy Brown	2.80 - 3.50	3.20 - 4.25	17.0
Type III – Dijon	2.25 - 3.50	3.50 - 6.25	16.5
Type IV – Honey	1.50 - 1.90	1.75 - 2.25	25.0

6.2 Product verification. When USDA verification of analytical requirements is specified in the solicitation, contract, or purchase order, the following procedures will be followed.

6.2.1 Sampling procedures. USDA inspection service will select the number of product containers based on USDA inspection service sampling procedures and plans.

6.2.2 Composite sample. Analytical testing shall be performed on a composite sample. The composite sample shall be 454 grams (1 pound) and prepared from subsamples drawn from randomly selected containers. The number of subsamples used to create the composite shall be based on USDA procedures.

6.3 Preparation of sample. The sample shall be prepared in an appropriately size blender container, blend the sample to uniformity in a minimum of time.

6.4 Analytical testing. When specified in the solicitation, contract, or purchase order, the analyses shall be in accordance with the following methods from the Official Methods of Analysis of the AOAC International:

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<u>Test</u>	<u>Method</u>
Titratable acidity	920.174
Salt	941.13
Total solids	920.171
Yeast & Mold	997.02
<i>Coliform</i>	992.30
Aerobic Plate Count	990.12

6.5 Test results. The test results for titratable acidity and salt shall be reported to the nearest 0.01 percent. The test results for the total solids shall be reported to the nearest 0.1 percent. The test results for yeast, mold and *coliform* shall be reported to the nearest CFU per gram. The test results for aerobic plate count shall be reported to the nearest 2,500 CFU per gram. Any result not conforming to the analytical requirements shall be cause for rejection of the lot.

7. MANUFACTURER'S/DISTRIBUTOR'S PRODUCT ASSURANCE. The manufacturer/distributor shall certify that the prepared mustard provided shall meet the salient characteristics of this CID, conform to their own specifications, standards, and quality assurance practices, and be the same prepared mustard offered for sale in the commercial market. The purchaser reserves the right to require proof of conformance.

8. REGULATORY REQUIREMENTS. The delivered prepared mustard shall comply with all applicable Federal, State, and local mandatory requirements and regulations relating to the preparation, packaging, labeling, storage, distribution, and sale of prepared mustard within the commercial marketplace. Delivered prepared mustard shall comply with all applicable provisions of the Federal Food, Drug, and Cosmetic Act and regulations promulgated thereunder.

9. QUALITY ASSURANCE PROVISIONS. *Purchaser shall specify 9.2 or 9.3; purchaser may specify 9.1 with 9.1.1 or 9.1 with 9.1.2.*

9.1 Manufacturer's quality assurance. When required in the solicitation, contract, or purchase order, the product manufacturer shall be required to provide evidence, by certificate, that the manufacturing plant has undertaken one of the following quality assurance measures within 12 months prior to providing a bid, or no later than 10 business days from the date of awarding of the contract. Failure to provide this documentation within the proper time frame may result in the contract being terminated for cause.

9.1.1 Plant systems audit. A plant systems audit (PSA) shall be conducted by USDA, Agricultural Marketing Service (AMS), or another audit performed by a third party auditing service and is required within 12 months prior to the date of the awarding of the contract. *(An AMS PSA verifies the*

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manufacturer's capability to produce products in a clean, sanitary environment in accordance with Title 21 Code of Federal Regulations Part 110 - Current Good Manufacturing Practice in Manufacturing, Packing, or Holding Human Food and have in place an internal quality assurance program. The AMS PSA determines the manufacturer's ability to produce under this CID, if the products of interest are identified at the time of the PSA.)

9.1.2 Plant survey. A plant survey shall be conducted by USDA, AMS, or another survey performed by a third party auditing service and is required within 12 months prior to the date of the awarding of the contract. *(An AMS plant survey audit verifies that, at the time of the survey, the manufacturer produces products in a clean, sanitary environment in accordance with Title 21 Code of Federal Regulations Part 110 - Current Good Manufacturing Practice in Manufacturing, Packing, or Holding Human Food Regulations).*

9.2 Manufacturer's/distributor's certification. When required in the solicitation, contract, or purchase order, the manufacturer/distributor will certify that the finished prepared mustard distributed meets or exceeds the requirements of this CID.

9.3 USDA certification. When required in the solicitation, contract, or purchase order that product quality and acceptability or both be determined, the Processed Products Branch (PPB), Fruit and Vegetable Programs (FVP), AMS, USDA, shall be the certifying program. PPB inspectors shall certify the quality and acceptability of the prepared mustard in accordance with PPB procedures, which include selecting random samples of the prepared mustard, evaluating the samples for conformance with the salient characteristics of this CID and other contractual requirements, and documenting the findings on official PPB score sheets and/or certificates. In addition, when required in the solicitation, contract, or purchase order, PPB inspectors will examine the prepared mustard for conformance to the United States Standards for Condition of Food Containers in effect on the date of the solicitation.

10. PACKAGING. Preservation, packaging, packing, labeling, and case marking shall be commercial unless otherwise specified in the solicitation, contract, or purchase order.

11. USDA INSPECTION NOTES. When Section 9.3 is specified in the solicitation, contract, or purchase order, USDA certification shall include evaluation of the quality and condition of samples of packaged prepared mustard, and compliance with requirements in the following areas:

- Salient characteristics (Sec. 5.1, 5.2, 5.3, and 5.4)
- Analytical requirements *when specified in the solicitation, contract, or purchase order* (Sec. 6.1 through 6.5). When USDA analytical testing is specified, PPB inspection personnel shall select samples and submit them to the USDA, Science and Technology Programs (S&TP) laboratory for analysis.

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- Packaging requirements (Sec. 10 or as specified in the solicitation, contract, or purchase order).

12. REFERENCE NOTES.

12.1 USDA certification contract. For USDA certification, contact the **Branch Chief, PPB, FVP, AMS, USDA, STOP 0247, 1400 Independence Avenue, SW, Washington, DC 20250-0247, telephone (202) 720-4693, Fax (202) 690-1527, or via E-mail: james.rodeheaver@usda.gov.**

12.2. Analytical testing and technical information. For USDA technical information on analytical testing, contact the **Branch Chief, Technical Service Branch, S&TP, USDA, STOP 0272, 1400 Independence Avenue, SW, Washington, DC 20250-0272, telephone (202) 690-0621, or via E-mail: anita.okrend@usda.gov.**

12.3 Sources of documents.

12.3.1 Source of information for nongovernmental documents are as follows:

Copies of the Official Methods of Analysis of the AOAC International may be obtained from: **AOAC International, 481 North Frederick Avenue, Suite 500, Gaithersburg, MD 20877, telephone (301) 924-7077. Internet address: <http://www.aoac.org>**

12.3.2 Sources of information for governmental documents are as follows:

Applicable provisions of the Federal Food, Drug, and Cosmetic Act are contained in 21 CFR Parts 1 to 199. This document may be purchased from: **Superintendent of Documents, ATTN: New Orders, P.O. Box 371954, Pittsburgh, PA 15250-7954. Credit card (MasterCard or Visa) purchases may be made by calling the Superintendent of Documents (202) 512-1803 or on the Internet at: <http://www.nara.gov/fedreg>.**

Copies of this CID and the United States Standards for Condition of Food Containers are available from: **Head, Food Quality Assurance Program, FVP, AMS, USDA, STOP 0243, 1400 Independence Avenue, SW, Washington, DC 20250-0243, telephone (202) 720-9939, Fax (202) 609-0102, via E-mail: FQAStaff@usda.gov or on the Internet at: www.ams.usda.gov/fv/fvqual.htm.**

Beneficial comments, recommendations, additions, deletions, clarifications, etc., and any data which may improve this document should be sent to: **Commander, Defense Supply Center Philadelphia, ATTN: DSCP-HSL, 700 Robbins Avenue, Philadelphia, PA 19111-5092 or**

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Fax (215) 737-2963, or via E-mail: sagallagher@dscp.dla.mil.

Military activities should submit requests for copies of this CID to: **Standardization Documents Order Desk, Defense Automation and Production Service, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094.**

MILITARY INTERESTS:

Custodians

Army - GL
Navy - SA
Air Force - 35

CIVIL AGENCY COORDINATING ACTIVITIES:

DOJ - BOP
HHS - NIH, IHS
USDA - FV
VA - OSS

PREPARING ACTIVITY:

Review Activities

Army - MD, QM
Navy - MC

DLA - SS

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