



United States Department of Agriculture

Agricultural Marketing Service

Commodity Procurement Staff

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USDA COMMODITY REQUIREMENTS

SSB7

SUNFLOWER SEED BUTTER PEANUT & TREE NUT FREE PRODUCTS FOR USE IN DOMESTIC PROGRAMS

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Part 1 COMMODITY SPECIFICATIONS

Section 1.1 COMMODITIES

A. The commodities delivered shall meet the requirements as specified in the following Commercial Item Descriptions (CID):
Commercial Item Description Butter, Sunflower Seed A-A-20371 (**February 7, 2017**)
<https://www.ams.usda.gov/sites/default/files/media/CID%20Butter,%20Sunflower%20Seed.pdf>

B. Quality of Sunflower Seeds

Sunflower seeds used in the manufacture of sunflower seed butter shall be:

- (1) Human food quality confectionery kernels and within the requirements of U.S. Grade No. 1 or U.S. Grade No. 2.
- (2) Tested for aflatoxin and certified to be negative.
- (3) 100 percent U.S. origin product in accordance with the contract clause, "United States Origin of Agricultural Products ([48 CFR 470.103](#)).
- (4) Free of mildew stains, filth, or other extraneous material, and free from bitter, musty, sour, rancid, sprouty, or other objectionable tastes and odors.
- (5) From current crop year stocks or as specified in the solicitation.
- (6) For oil roasted sunflower seeds, the roasting oil shall be thoroughly refined, deodorized, and free from rancidity and objectionable flavor after heating to 400 degrees Fahrenheit and shall have a free-fatty acid content of not more than .08 percent (as oleic acid) prior to its first use. The roasting oil shall be stabilized using additives of a kind and at levels permitted in edible oil products under the Federal Food, Drug, and Cosmetic Act. Peanut oil is not allowable.

C. Quality of Sunflower Seed Butter

The finished product shall:

- (1) Not exceed the microbiological requirements contained in the table below:

Microbiological Standards	
Salmonella	Negative
E. Coli	<3 MPN/g
Coliform	<10 MPN/g
Aerobic Plate Count	<10,000/g
Yeast	<50/gram
Mold	<50/gram

- (2) Meet the requirements contained in the table below:

Per 32g Serving	Minimum	Maximum
Protein	7g	---
Fats	---	16g
Moisture	---	4%
Peroxide (meq/kg)	---	1.5
Aflatoxin	Negative	Negative

- (3) Be of a stabilized type. Stabilizers shall be derived solely from vegetable sources so as to prevent oil separation. Vegetable oils shall be produced from non-tropical sources; tropical oils such as coconut, palm, and palm kernel are not permitted. Peanut oil is not allowable. U.S. origin certification is not required for sweeteners and stabilizers used in the manufacture of the finished product.
- (4) Be finely ground and have a smooth texture. The consistency of the finished product shall be such that it spreads uniformly without tearing or breaking fresh white bread, and shall be free of any gelatin-like condition.
- (5) Be crisp, palatable, and free from bitter, musty, sour, rancid, sprouty, or other objectionable tastes and odors.
- (6) Be brown in the color hue as USDA Color 1, USDA Color 2, USDA Color 3, and USDA Color 4 defined in the "United States Standards for Grades of Peanut Butter". The standards are available at: <http://www.ams.usda.gov/AMSV1.0/getfile?dDocName=STELDEV3011890>. The color intensity, or degree of lightness or darkness, may vary; however, the Government reserves the right to reject products lighter than USDA Color 1, and those darker than USDA Color 4.
- (7) Be peanut and tree nut free. There is zero tolerance for peanut and tree nut residue of any type in the finished product. Manufacturers must implement allergen controls in accordance with [F D A regulations](#) 21 CFR 117.35, 40, 80, and 135.

D. Processing and Packaging Equipment

Sunflower seed butter shall be processed and packaged using peanut and tree nut free equipment:

- (1) No peanut or tree nut products shall be near or around sunflower seeds used in the manufacture of this product (must be manufactured in peanut/tree nut free facility). Machinery used for the manufacture of peanut or tree nut butter shall not be used to produce sunflower seed butter.
- (2) This mandatory requirement does not include any packaging or labeling equipment used after the primary container has been sealed.
- (3) Product labels may not include allergen advisory statements.

E. Instructions for color determination

- (1) The USDA Color Standards shall be viewed under standard lighting conditions. Compare the color of the USDA color standard with a representative sample of the finished product having an area and depth approximately equal to the color standard (2 inch x 3 inch x 1/8 inch). A suitable light source of approximately 250 foot candle intensity and having a spectral quality approximating that of daylight under a moderately overcast sky and a color temperature of 7500 degrees Kelvin \pm 200 degrees is preferable. With a light source directly over the color standard and the product, observation is made at an angle of 45 degrees and at a distance of about 24 inches from the product.
- (2) Though the appearance of the finished product should be similar to that of

peanut butter, the product should never be directly compared with peanut butter given the risk of peanut contamination.

- (3) To purchase plastic plates of the USDA Peanut Butter Colors 1, 2, 3 and 4, contact:






USDA, Agricultural Marketing Service
Specialty Crops Program, Specialty Crops Inspection Division,
Inspection Operations
Room 1536 South Building, STOP 0240
1400 Independence Avenue, SW
Washington, DC 20250-0240
Phone: 202-720-2095
FAX: 202-720-0393

Section 1.2 WARRANTY

The product shall have a shelf life of at least one year from date of manufacturer. Product shall not be manufactured more than 60 days prior to shipping.

Section 1.3 KOSHER REQUIREMENTS

- A. For Material Code 100935: Sunflower Seed Butter shall be certified Kosher and include the registered Kashrut certification symbol of the certifying agent on the label. List of acceptable Kosher certifications:

 http://oukosher.org/	 http://www.star-k.org/	 http://www.ok.org/
 http://www.kof-k.org/	 http://www.crcweb.org/	

- B. For Material Code 110073 only: K Sunflower Seed Butter shall comply with applicable dietary (kosher) laws as established by the “613 Council of Kashruth.” Manufacturing plants shall be certified for compliance with the aforementioned requirement by contacting the Board of Jewish Education of Greater New York (BJENY) at 646-472-5365. At no cost to the vendor, a rabbinic supervisor will be sent to certify compliance of the manufacturing plant with the dietary (kosher) laws.

Offeror shall certify that their manufacturing plant is capable of meeting applicable dietary (kosher) laws as established by the “613 Council of Kashruth” and certification by BJENY.

Section 1.4 QUALITY ASSURANCE

- A. The contractor shall perform the product testing and quality analysis to ensure that the product meets the commodity specifications. The results shall be evidenced by a Certificate of Analysis (COA).
- B. Contractors shall notify the Government immediately of lots that fail to meet contract requirements.

Part 2 CONTAINER AND PACKAGING REQUIREMENTS

Section 2.1 GENERAL

This part provides the container specifications and packaging materials requirements used under this contract.

Section 2.2 COMMERCIAL PACKAGING REQUIREMENTS

- A. Contractors shall supply commercial brand products only and shall certify at the time of submission of an offer that the commercial product being delivered has a history of successful distribution and use in domestic commercial channels and is sold on the commercial market with an established level of consumer acceptance.
- B. Container and packaging requirements are those used in the current commercial shipping practices and shall comply with:
 - (1) Unitization requirements in Section 2.4.
 - (2) At contractor's option, a statement such as "Not for Retail Sale" may be printed on the principal display panel of the food label.
 - (3) The manufacturer's lot code/lot identification number shall be shown on the commercial bill of lading.
 - (4) Shipping containers shall be marked to show the maximum safe stacking height. It is the responsibility of the contractor in cooperation with the shipping container manufacturers to determine the safe stacking height.
 - (5) For identification upon receipt at delivery warehouses, all commercial-labeled product shipping documents shall specify "FOR USDA FOOD DISTRIBUTION PROGRAMS."

Section 2.3 CONTAINERS AND MATERIALS

- A. All containers and packaging shall be constructed to meet the requirements of the Food and Drug Administration (FDA) for safe contact with the packaged product. The contractor shall obtain and maintain documentation from the container or packaging material manufacturer to verify that the containers and packaging materials used in this contract were in compliance with the Government's regulatory requirements for safe contact with food products as required in the Master Solicitation, Part 3, Section A, Number 3.
- B. Questions concerning the containers and materials should be directed to:
<https://www.ams.usda.gov/sites/default/files/media/AMS%20Commodity%20Proc>

[urement%20Staff%20Contact%20List.pdf](#)

- C. If the contractor purchases packaging and container ingredients from a foreign country and/or the package and container is manufactured in a foreign country, the package and container SHALL NOT display country of origin labeling. Phrases similar, but not limited to, “Made in [Name of Foreign Country.]” or “Product of [Name of Foreign Country.]” are strictly prohibited.

Section 2.4 UNITIZATION REQUIREMENTS

Shipments shall comply with the following unitization requirements:

- A. Unless otherwise specified by the Government, all shipments of packaged products shall be unitized (palletized and stretch wrapped).
- B. Pallets shall be:
 - (1) Constructed to facilitate the safe handling and transportation of the packaged product, as a unit, without loss or damage.
 - (2) A Number 2, four-way, reversible flush stringer with no broken runners or slats.
 - (3) Suitable for use in the shipment of food products.
- C. Plastic stretch wrap shall be:
 - (1) Constructed of a plastic film which is to be stretched a minimum of 50 percent beyond its original length when stretched around the pallet load.
 - (2) Applied as tightly as possible around all tiers of the palletized shipping containers. The shipping containers shall be held firmly in place by the stretch wrap.
- D. Pallet loads shall be:
 - (1) Stacked in such a way as to minimize the amount that shipping containers overhang the edges of pallets.
 - (2) Blocked and braced or otherwise loaded into the conveyance in a manner that prevents shifting during transit.
- E. **USDA does not participate in a pallet exchange program.**