

**INCH-POUND**

**A-A-20135B**

**May 2, 1997**

**SUPERSEDING**

**A-A-20135A**

**January 10, 1992**

## **COMMERCIAL ITEM DESCRIPTION**

### **SUGAR, REFINED, WHITE AND SUGAR, BROWN**

**The U.S. Department of Agriculture has authorized  
the use of this Commercial Item Description.**

#### **1. SCOPE.**

**1.1 This Commercial Item Description (CID) covers refined white or brown, beet or cane sugar, packed in commercially acceptable containers, suitable for use by the Federal Government and as a component of operational rations.**

#### **2. CLASSIFICATION.**

**2.1 The refined white and brown sugar shall conform to the types and classes in the following list which shall be specified in the solicitation, contract, or purchase order.**

##### **Types and classes.**

##### **Type I - White (Refined)**

**Style A - Granulated (fine or extrafine)**

**Style B - Granulated (superfine)**

**Style C - Powdered or confectioner's**

**Beneficial comments, recommendations, additions, deletions, clarifications, etc., and any data which may improve this document should be sent to: Head, Food Quality Assurance Staff, Fruit and Vegetable Division, Agricultural Marketing Service, U.S. Department of Agriculture, STOP 0243, 1400 Independence Ave., SW, Washington, DC 20250-0243 or telephone (202) 720-9939 or FAX (202) 690-0102.**

**FSC 8925**

**DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.**

**A-A-20135B****Type II - Brown****Style A - Light****Style B - Medium****Style C - Dark****3. SALIENT CHARACTERISTICS.**

**3.1 Processing:** The sugar shall be obtained from sugar cane or sugar beets and prepared in accordance with good commercial and manufacturing practices.

**3.2 Odor, flavor, and color:** The finished sugar shall have an odor, flavor, and color of the type and style specified.

**3.3 Consistency:** The finished sugar shall not contain lumps larger than 0.5 inch in their greatest dimension that cannot be broken by light finger pressure.

**3.4 Foreign material:** The sugar shall be visibly absent of foreign material (e.g.; metal, wood, glass, insects, insect fragments, or filth), and meet the vendor's standard specifications.

**3.5 Physical properties:** The sugar shall conform to the following sieve size requirements when examined on a Ro-Tap or equivalent shaking device fitted with the specified sized sieves using recognized commercial procedures.

Type and style	Sieve size (U.S. Standard No.)					
	20	40	100	100	140	200
	Maximum to remain on (Percent by weight)			Maximum to pass through (Percent by weight)		Minimum to pass through (Percent by weight)
Type I, Style A	5			10		
Type I, Style B		7			20	
Type I, Style C			4			83

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**3.6 Analytical requirements.**

The sugar shall conform to the following analytical requirements:

Type and style	Minimum sucrose (Percent)	Maximum ash (Percent)	Maximum moisture (Percent)	Starch (Percent)
Type I, Style A	99.5	0.04	0.05	
Type I, Style B	99.5	0.04	0.05	
Type I, Style C	94.5	0.05	0.80	2.00 - 5.50
Type II, Style A	86.0	2.25	4.50	
Type II, Style B	86.0	3.25	4.50	
Type II, Style C	86.0	3.25	4.50	

**3.6.1 Analytical testing:** In Federal solicitations, contracts, or purchase orders, analytical analyses shall be made in accordance with the Official Methods of Analysis of the AOAC International as follows:

<u>Test</u>	<u>Method</u>
Sucrose	925.46
Ash	900.02A
Moisture	925.45A at 65°C
Starch	925.50

**3.6.2 Test results:** The test results shall be reported to the nearest 0.1 percent for minimum sucrose and to the nearest 0.01 percent for maximum ash, maximum moisture, and starch. Any result not conforming to the analytical requirements shall be cause for rejection of the lot.

**4. REGULATORY REQUIREMENTS.**

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

**5. QUALITY ASSURANCE PROVISIONS.**

**5.1 Product conformance.** The sugar provided shall meet the salient characteristics of this CID, conform to the producer's own specifications, standards, and quality assurance practices,

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and be the same sugar offered for sale in the commercial market. The Government reserves the right to require proof of such conformance.

**5.2 Quality assurance.** When the solicitation, contract, or purchase order requires that sugar quality or acceptability or both be determined, the Processed Products Branch (PPB), Fruit and Vegetable Division, Agricultural Marketing Service, U.S. Department of Agriculture, shall be the certifying activity and shall make the determination in accordance with applicable PPB procedures. The sugar shall be examined or analyzed or both in accordance with applicable provisions in the CID, solicitation, contract, or purchase order, and, when applicable, the United States Standards for Condition of Food Containers in effect on the date of the solicitation.

**6. PACKAGING.**

**6.1 Preservation, packaging, packing, labeling, and case marking.** Preservation, packaging, packing, labeling, and case marking shall be as specified in the solicitation, contract, or purchase order.

**7. NOTES.**

**7.1 Purchasers shall specify:**

- Type(s) and Style(s) of sugar required.

**7.2 Sources of documents.**

**7.2.1 Source of information for nongovernmental document is 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.

**7.2.2 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 on (202) 512-1800.

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Copies of the United States Standards for Condition of Food Containers are available from: Chairperson, Condition of Container Committee, STOP 0243, 1400 Independence Avenue, SW, Washington, DC 20250-0243.

Civil agencies and other interested parties may obtain copies of this CID from: General Services Administration, Federal Supply Service, Specifications Section, Suite 8100, 470 East L'Enfant Plaza, SW, Washington, DC 20407.

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

**MILITARY INTERESTS:****Military Coordinating Activity**

Army - GL

**Custodians**

Army - GL

Navy - SA

Air Force - 50

**Review Activities**

Army - MD, QM

Navy - MC

DLA - SS

**CIVIL AGENCY COORDINATING ACTIVITIES:**

DOJ - BOP

HHS - NIH, IHS

USDA - FV

VA - OSS

**PREPARING ACTIVITY:**

USDA - FV