

QUARTERMASTER CORPS
TENTATIVE
SPECIFICATION

C.Q.D. No. 30
Amendment-1
May 25, 1942

SOLUBLE COFFEE AND/OR SOLUBLE COFFEE PRODUCT.

Unit B - U. S. Army Field Ration C.

The following changes should be made in Quartermaster Corps Tentative Specification C.Q.D. No. 30, dated January 14, 1942:

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GENERAL REQUIREMENTS. Delete paragraphs (1) and (3) and substitute:

(1) The soluble coffee or soluble coffee product shall be readily soluble in water. The moisture content of the finished product shall be such that it will remain free from caking or hardening while in an hermetically sealed package. Twenty hundredths (.20) ounce of the soluble coffee or not to exceed four-tenths (.40) ounce of soluble coffee product shall produce sixteen ounces of good strong brew with good soft or mild cup quality, including body and flavor, and free from Rio or other objectionable flavor.

(3) The soluble coffee product shall be the dry, powdered water soluble solids of roasted and ground coffee and added carbohydrates, which carbohydrates may be employed only for the purpose of sealing the flavor and aroma in the product. A simple mechanical mixture of carbohydrates and coffee solids is not acceptable under this specification. The soluble coffee product shall contain not less than twenty hundredths (.20) ounce of pure water soluble solids of roasted and ground coffee.

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PACKAGING, PACKING AND MARKING.

Packaging. Delete paragraph 5 and substitute:

"The can, when plug is in place, shall contain .20 ounce of soluble coffee or .40 ounce of soluble coffee product without excessively compressing the coffee."



CHICAGO QUARTERMASTER DEPOT
1819 WEST PERSHING ROAD
CHICAGO, ILLINOIS

CQD No. 30
January 14, 1942

Tentative Specification for
SOLUBLE COFFEE AND/OR SOLUBLE COFFEE PRODUCT.

Unit B--U. S. Army Field Ration C.

GENERAL REQUIREMENTS.

The products shall be prepared in accordance with the best commercial practices, under strictly sanitary conditions. All deliveries shall conform, in every respect, to the provisions of the Federal Food, Drug and Cosmetic Act of June 25, 1938, and the amendments, regulations, and decisions pertaining thereto, all as in effect on the date of the invitation for bids.

The soluble coffee and/or soluble coffee product shall be the dry, powdered water soluble solids of roasted and ground coffee or the water soluble solids of roasted and ground coffee with added carbohydrates. Shall be prepared in such manner that there will be no material change to the flavor, aroma, or stimulating properties of the resulting cup of the coffee.

(1) The soluble coffee or soluble coffee product shall be readily soluble in water. The moisture content of the finished product shall be such that it will remain free from caking or hardening while in an hermetically sealed package. Twenty-five hundredths (.25) ounce of the soluble coffee or not to exceed five-tenths (.50) ounce of soluble coffee product shall produce sixteen ounces of good strong brew with good soft or mild cup quality, including body and flavor, and free from Rio or other objectionable flavor.

(2) The soluble coffee shall be the dry, powdered water soluble solids of roasted and ground coffee.

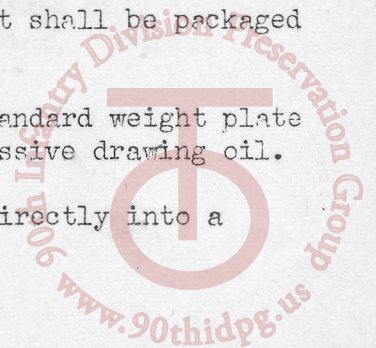
(3) The soluble coffee product shall be the dry, powdered water soluble solids of roasted and ground coffee and added carbohydrates, which carbohydrates may be employed only for the purpose of sealing the flavor and aroma in the product. A simple mechanical mixture of carbohydrates and coffee solids is not acceptable under this specification. The soluble coffee product shall contain not less than twenty-five hundredths (.25) ounce of pure water soluble solids of roasted and ground coffee.

PACKAGING, PACKING AND MARKING.

Packaging. - The soluble coffee or the soluble coffee product shall be packaged in a container of the following description:

"The container, body and plug, shall be produced from standard weight plate used in good commercial practice and shall be free from excessive drawing oil.

"The container shall be a full friction plug assembled directly into a



seamless body. The body shall be curled outward at the top. The outside body diameter, exclusive of curl, shall not be greater than 2-1/8 inches. The overall body diameter, inclusive of curl, shall not be greater than 2-3/16 inches. The body shall not exceed 22/32 inch in height, outside overall inclusive of curl. The diameter of the curl shall be approximately 1/16 inch.

"The plug shall have an overall diameter, inclusive of curl, equal to the outside diameter of the body, inclusive of body curl. The edge of the plug shall be curled and shall have one indentation of approximately 1/4 inch in width and approximately 3/64 inch deep, which shall not extend above top surface of plug curl. The plug shall have an overall height not to exceed 1/4 inch. The diameter of the curl shall be approximately 1/16 inch. The outside of the skirt of the plug shall be coated with a wax which is odorless, flavorless and moisture-proof. This wax shall be so applied that when the plug is seated in the body that the closure shall not permit air to escape when immersed in water and subjected to a vacuum which will support a column of mercury five (5) inches high. The coating of wax on the plug skirt shall not be excessive of requirements for the above-described seal and shall not extend beyond the surface of the plug skirt.

"The overall height of the can shall not exceed 13/16 inch.

"The can, when plug is in place, shall contain .25 ounce of soluble coffee or .50 ounce of soluble coffee product without excessively compressing the coffee."

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No label, either printed or embossed, will be placed on the coffee container by the container manufacturer. The soluble coffee manufacturer may identify his product by brand name and/or method of use by stamping the container at his plant. If stamping is employed the ink used shall be of a type which will not impart off-flavors or odors to foodstuffs with which it may be placed in contact.

Packing. - The individual coffee containers shall be packed in shipping cases containing 500 cans each, or 1,000 cans each.

The containers shall be so constructed as to properly protect the contents from crushing or other damage and shall be acceptable by common or other carriers, for safe transportation at the lowest rate, to the point of delivery. In addition to the above requirements these containers shall comply with all specifications set forth in Rule 41 of the Consolidated Freight Classification.

Marking. - Unless otherwise specified, containers shall be marked with the name of the product, number of individual containers, date of packing, contract or order number, and name of the contractor.

