§ 58.321 Cream storage tanks.

Cream storage tanks shall meet the requirements of §58.128(d). Cream storage tanks for continuous churns should be equipped with effective temperature controls and recording devices.

QUALITY SPECIFICATIONS FOR RAW MATERIAL

§ 58.322 Cream.

Cream separated at an approved plant and used for the manufacture of butter shall have been derived from raw material meeting the requirements as listed under §§58.132 through 58.138 of this subpart.

[50 FR 34673, Aug. 27, 1985]

§ 58.323 [Reserved]

§ 58.324 Butteroil.

To produce butteroil eligible for official certification, the butter used shall conform to the flavor requirements of U.S. Grade AA, U.S. Grade A, or U.S. Grade B, and shall have been manufactured in an approved plant.

§ 58.325 Anhydrous milkfat.

If cream is used in the production of anhydrous milkfat that is eligible for official certification, the anhydrous milkfat shall be made by a continuous separation process directly from milk or cream. The cream used shall be comparable to the flavor quality specified above for U.S. Grade AA or U.S. Grade A butter. The milkfat from cream may then be further concentrated into oil. The cream or oil shall be pasteurized in accordance with the procedures for cream for buttermaking (§58.334a). If butter is used in the production of anhydrous milkfat that is eligible for official certification, the butter used shall conform to the flavor requirements of U.S. Grade AA or U.S. Grade A butter and shall have been manufactured in an approved plant. The appearance of anhydrous milkfat should be fairly smooth and uniform in consistency.

[60 FR 4826, Jan. 24, 1995]

§ 58.326 Plastic cream.

To produce plastic cream eligible for official certification, the quality of the cream used shall meet the requirements of cream acceptable for the manufacture of U.S. Grade AA or U.S. Grade A butter.

§ 58.327 Frozen cream.

To produce frozen cream eligible for official certification, the quality of the cream used shall meet the requirements of cream acceptable for the manufacture of U.S. Grade AA or U.S. Grade A butter.

§ 58.328 Salt.

The salt shall be free-flowing, white refined sodium chloride and shall meet the requirements of The Food Chemical Codex.

§ 58.329 Color.

Coloring, when used shall be Annatto or any color which is approved by the U.S. Food and Drug Administration.

§ 58.330 Butter starter cultures.

Harmless bacterial cultures when used in the development of flavor components in butter and related products shall have a pleasing and desirable flavor and shall have the ability to transmit these qualities to the finished product.

§ 58.331 Starter distillate.

The refined flavor components when used to flavor butter and related products. It shall be of food grade quality, free of extraneous material and prepared in accordance with good commercial practice.

OPERATIONS AND OPERATING PROCEDURES

§ 58.332 Segregation of raw material.

The milk and cream received at the dairy plant shall meet the quality specifications as indicated under §58.322. The milk and cream should be segregated by quality and processed separately in such a manner that the finished product will fully meet the requirements of a particular U.S. Grade or other specification, whichever is applicable.

§ 58.334 Pasteurization.

The milk or cream shall be pasteurized at the plant where the milk or
§ 58.335 Quality control tests.

All milk, cream and related products are subject to inspection for quality and condition throughout each processing operation. Quality control tests shall be made on flow samples as often as necessary to check the effectiveness of processing and manufacturing and as an aid in correcting deficiencies in processing and manufacturing. Routine analysis shall be made on raw materials and finished products to assure adequate microbiological, composition and chemical control.

§ 58.336 Frequency of sampling for quality control of cream, butter and related products.

(a) Microbiological. Samples shall be taken from churnings or batches and should be taken as often as is necessary to insure microbiological control.

(b) Composition. Sampling and testing for product composition shall be made on churnings or batches as often as is necessary to insure adequate composition control. For in-plant control, the Kohman or modified Kohman test may be used.

(c) Chemical—(1) Acid degree value. This test should be made on churnings or batches from samples taken from the cream as often as is necessary to aid in the control of lipase activity.

(2) Free fatty acid. This test should be made on churnings or batches from samples taken from the butter as often as is necessary to aid in the control of lipase activity.

(d) Other analysis. Other chemical analysis or physical measurements shall be performed as often as is necessary to insure meeting grade standards and contract specifications.

(e) Weight or volume control. Representative samples of the packaged product should be checked using procedures prescribed by the Administrator during the packaging operation to assure compliance with the stated net weight or volume on the container.

(f) Keeping quality and stability. Samples from churnings shall be subjected to a seven day keeping quality test at a temperature of 72 °F. to establish and maintain a satisfactory keeping quality history. Optionally 98 °F. for 48 hours may be used, however, in case of a dispute, the results of the seven days at 72 °F. will prevail.

§ 58.337 Official test methods.

(a) Chemical. Chemical analyses except where otherwise prescribed herein, shall be made in accordance with the methods described in the latest edition of Official Methods of Analysis of the Association of Official Analytical Chemists, published by the Association.