

## Agricultural Marketing Service, USDA

## § 58.334

A butter and shall have been manufactured in an approved plant. The appearance of anhydrous milkfat should be fairly smooth and uniform in consistency.

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### § 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 cream is processed into the finished product or by procedures as set forth by the Administrator.

(a) *Cream for butter making.* The cream for butter making shall be pasteurized at a temperature of not less than 165 °F. and held continuously in a vat at such temperature for not less than 30 minutes; or pasteurized by HTST method at a minimum temperature of not less than 185 °F. for not less than 15 seconds; or it shall be pasteurized by any other equivalent temperature and holding time which will assure adequate pasteurization. Additional heat treatment above the minimum pasteurization requirement is advisable to insure improved keeping-quality characteristics.

Adequate pasteurization control shall be used and the diversion valve shall be set to divert at no less than 185 °F. with a 15 second holding time or its equivalent in time and temperature to assure pasteurization. If the vat or holding method of pasteurization is used, vat covers shall be closed prior to holding period to assure temperature of air space reaching 5 °F. higher than the minimum temperature during the holding time. Covers shall also be kept closed during the holding and cooling period.

(b) *Cream for plastic or frozen cream.* The pasteurization of cream for plastic or frozen cream shall be accomplished in the same manner as in paragraph (a) of this section, except, that the temperature for the vat method shall be not less than 170 °F. for not less than 30 minutes, or not less than 190 °F. for not less than 15 seconds or by any other temperature and holding time which will assure adequate pasteurization and comparable keeping-quality characteristics.