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## PART 98—MEALS, READY-TO-EAT (MRE's), MEATS, AND MEAT PRODUCTS

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### Subpart A—MRE's, Meats, and Related Meat Food Products

#### § 98.1 General.

Analytical services of meat and meat food products are performed for fat, moisture, salt, protein, and other content specifications.

#### § 98.2 Definitions.

Words used in the regulations in this subpart in the singular form will import the plural, and vice versa, as the case may demand. As used throughout the regulations in this subpart, unless the context requires otherwise, the following terms will be construed to mean:

*Lard (Edible).* The fat rendered from clean and sound edible tissues from swine.

*Meals, Ready-To-Eat (MRE).* Meals, Ready-To-Eat are complete portions of one meal for one military person and are processed and packaged to destroy or retard the growth of spoilage-type microorganisms in order to extend product shelf life for 7 years. Composition analyses for MRE's are covered by the reimbursable agreement in the Memorandums of Understanding (MOU's) between AMS, USDA and the

Defense Personnel Support Center, Department of Defense (DOD). These DOD, Defense Personnel Support Center (DPSC) contracts state certain military specifications for an acceptable one meal serving, retorted pouched or 18-24 serving hermetically-sealed tray packed meat, or meal product regarding satisfactory analyses for fat, salt, protein, moisture content, added stabilizer ingredient, and sometimes microbiological composition. MRE's are for use by the DOD, DPSC as a component of operational food rations, and as an item of general issue by the military.

*Meat.* This includes the edible part of the muscle of any cattle, sheep, swine, or goats, which is skeletal or which is found in the tongue, in the diaphragm, in the heart, or in the esophagus, and which is intended for human food, with or without the accompanying and overlying fat, and the portions of bone, skin, tendon, nerve, and blood vessels which normally accompany the muscle tissue, and which are not separated from it in the process of dressing. It does not include the muscle found in the lips, snout, or ears. This term, as applied to products of equines, shall have a meaning comparable to that provided in this paragraph with respect to cattle, sheep, swine, and goats.

*Meat food product.* Any article capable for use as human food (other than meat, prepared meat, or a meat by-product), which is derived or prepared wholly or in substantial part from meat or other portion of the carcass of any cattle, sheep, swine, or goats. An article exempted from definition as a meat food product by the Administrator, such as an organotherapeutic substance, meat juice, meat extract, and the like, which is used only for medicinal purposes and is advertised solely to the medical profession is not included.

*Ready-to-eat.* The term means consumers are likely to apply little or no additional heat to the fully-cooked and the fully-prepared food product before consumption.

*Specifications.* Descriptions with respect to the class, grade, other quality, quantity or condition of products, approved by the Administrator, and

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available for use by the industry regardless of the origin of the descriptions.

*Tallow (Edible).* The hard fat derived from USDA inspected and passed cattle, sheep, or goats.

*Titer.* The measure of the hardness or softness of the tested material as determined by the solidification point of fatty acids and expressed in degrees centigrade (°C).

**§ 98.3 Analyses performed and locations of laboratories.**

(a) Tables 1 through 4 list the special laboratory analyses rendered by the Science and Technology as a result of an agreement with the Livestock and Seed Division. The payment for such laboratory services rendered at the request of an individual or third party served shall be reimbursed pursuant to the terms as specified in the cooperative agreement.

**TABLE 1—SCHEDULE ANALYSIS**

Identity	Analyses	Samples tested
Schedule BC (Beef Chunks, Canned) .....	Fat, salt .....	1
Schedule BJ (Beef with Natural Juices, Canned) .....	Fat .....	1
Schedule CS (Canned Meatball Stew) .....	Fat .....	3
Schedule GP (Frozen Ground Pork) .....	Fat .....	4
Schedule PJ (Pork with Natural Juices, Canned) .....	Fat .....	1
Schedule RB (Beef for Reprocessing) .....	Fat .....	4
Schedule RG (Beef Roasts and Ground Beef) .....	Fat .....	4
Schedule SB (Slab or Sliced Bacon) .....	Moisture, fat, salt .....	1
Schedule WS (Beef or Wafer Steaks) .....	Fat .....	1

**TABLE 2—MICROBIOLOGICAL ANALYSIS**

Type of analysis	Number of samples tested
Psychrotrophic Bacterial Plate Count .....	1

**TABLE 3—NONSCHEDULE ANALYSIS**

Identity	Analyses	Samples tested
Fed Specification PP-B-2120B (Ground Beef Products) .....	Fat .....	4
Fed Specification PP-B-81J (Sliced Bacon) .....	Fat, salt, moisture .....	1
Fed Specification PP-L-800E (Luncheon Meat, Canned) .....	Fat, salt .....	1
Ground Beef or Ground Pork .....	Fat .....	4
Ground Beef or Ground Pork .....	Fat .....	1
Pork Sausage .....	Fat, salt .....	4
Pork Sausage .....	Fat, moisture .....	4
Pork Sausage .....	Fat .....	4
Mil-P-44131A (Pork Steaks, Flaked, Formed, Breaded) .....	Fat .....	4
Milwaukee Public Schools (Breaded/Unbreaded Meat) .....	Fat .....	4
Chili Con Carne Without Beans .....	Fat .....	1
A-A-20047-B .....	Fat, protein .....	3
A-A-20136 .....	salt .....	3
A-A-20148 .....	Fat, salt .....	3
Mil-B-44133 (GL) .....	Fat, salt .....	3
Mil-B-44158A .....	Water activity .....	6
Mil-C-44253 .....	Fat, salt .....	3
Mil-H-44159B (GL) .....	Fat, salt .....	1
PP-F-02154 (Army GL) .....	Fat, salt, moisture .....	1

**TABLE 4—LARD AND TALLOW ANALYSIS**

Type of analysis	Number of samples tested
Fat Analysis Committee (FAC) Color .....	1
Free Fatty Acids .....	1
Insoluble Impurities .....	1
Moisture and Volatile Matter .....	1