

### Subpart E—Samples

#### § 91.19 General requirements of suitable samples.

(a) Samples must be representative of the product tested and provided in sufficient quantity for the analyses requested.

(b) Each sample must be identified with the following information:

- (1) Product type (specific description);
- (2) Lot number or production date;
- (3) Analyses desired;
- (4) Date/time collected;
- (5) Storage conditions prior to shipping;
- (6) Name of applicant;
- (7) Name of sampler;
- (8) Any other information which is required by the specific program under which analysis or test is performed.

#### § 91.20 Shipping.

(a) Samples must be submitted to the laboratory in a condition (including temperature) that does not compromise the quality and validity of analytical results.

(b) All samples must be submitted in sealed, leakproof containers.

(c) Containers for perishable refrigerated samples should contain ice or ice packs to maintain temperatures of 0° to 5 °C, unless a different temperature is required for the sample to be tested.

(d) Containers for frozen samples should contain dry ice or other effective methods of maintaining samples in a frozen state.

(e) The applicant is responsible for providing shipping containers and paying shipping costs for fee basis tests.

(f) A courier charge may apply for the shipment of some samples.

#### § 91.21 Protecting samples.

Laboratory personnel shall protect each sample from manipulation, substitution, and improper or careless handling which would deprive the sample of its representative character from the time of receipt in the laboratory until the analysis is completed and the sample has been discarded.

#### § 91.22 Disposition of analyzed sample.

(a) Excess samples not used in analyses will be placed in proper storage for a maximum period of 30 days after reporting results of tests.

(b) Any sample of a processed commodity that has been used for a laboratory service may be returned to the applicant at his or her request and expense; otherwise, it shall be destroyed or disposed of to a charitable institution.

### Subpart F—Method Manuals

#### § 91.23 Analytical methods.

Most analyses are performed according to approved procedures described in manuals of standardized methodology. These standardized methods are the specific methods used. Alternatively, equivalent methods prescribed in cooperative agreements are used. The manuals of standard methods most often used by the Science and Technology Division laboratories are listed as follows:

(a) Edwards, P.R. and W.H. Ewing, *Edwards and Ewing's Identification of Enterobacteriaceae*, Elsevier Science Publishing Co., Inc., 52 Vanderbilt Avenue, New York, NY 10017.

(b) *Manual of Analytical Methods for the Analysis of Pesticide Residues in Human and Environmental Samples*, U.S. Environmental Protection Agency (EPA), Environmental Toxicology Division, Health Effects Research Laboratory (HERL), Alexander Drive and Highway 54, Mail Drop 51, Research Triangle Park, NC 27711.

(c) *Official Analytical Methods of the American Spice Trade Association (ASTA)*, American Spice Trade Association, 580 Sylvan Avenue, P.O. Box 1267, Englewood Cliffs, NJ 07632.

(d) *Approved Methods of the American Association of Cereal Chemists*, American Association of Cereal Chemists, 3340 Pilot Knob Road, St. Paul, MN 55121-2097.

(e) *Official Methods and Recommended Practices of the American Oil Chemists' Society (AOCS)*, American Oil Chemists' Society, 1608 Broadmoor Drive, P.O. Box 3489, Champaign, IL 61826-3489.