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## Science

### Chemistry

FSIS conducts tests for chemicals—including antibiotics, sulfonamides, and various other drugs, pesticides and environmental chemicals—in meat, poultry and egg products destined for human consumption. FSIS also conducts studies to determine presence of contaminants such as dioxin.

Sign up now to receive email notification when the Residue Violator Alert List has been updated.

- Residue Testing; National Residue Program
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#### RESIDUE TESTING; NATIONAL RESIDUE PROGRAM

##### National Residue Program Sampling Plan ("Blue Book")

This page contains a description of the FSIS National Residue Program, as well as links to the Program Plans for the past several years.

##### National Residue Program Data ("Red Book") (PDF Only; 1.81mb; 178 pp.)

The Red Book explains FSIS' chemical residue sampling plans and presents National Residue Program (NRP) testing results for 2007.

- Red Books from prior years (1996-2006)

##### Residue Violator Alert List (Updated Aug 1, 2009; PDF Only)

This list contains the names and addresses of those parties responsible for repeat drug, pesticide, or chemical violations in animals presented for slaughter. It is updated monthly. "Repeat violators" are individuals or firms who repeatedly (i.e., on more than one occasion within a 12-month period) sell an animal for slaughter whose carcass is found to contain a violative level of a drug, pesticide, or other chemical residue; provided, however, that the most recent such sale occurred no earlier than September 6, 2001.

##### Residue Related Notices & Directives

View a consolidated listing of Federal Register and FSIS Notices related to residue testing policy.

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#### SCREENING TESTS

##### Fast Antimicrobial Screen Test (FAST) (PDF Only)

Guidance document used as an aid in determining the disposition of single animals. FAST can be applied any time the veterinarian suspects the presence of an antimicrobial residue.

##### Performing the Swab Test on Premises (STOP) (PDF Only)

The STOP is a microbiological in-plant screening test for the detection of antibiotic residues in animal tissues.

#### DIOXINS

##### Dioxins and Dioxin-Like Compounds In the U.S. Domestic Meat and Poultry Supply (PDF Only)

FSIS conducted a survey to gather information on dioxins, furans, and dioxin-like PCBs in U.S. meat and poultry products as part of a continuing effort to understand and characterize potential contaminants in the food supply.

#### MELAMINE

#### Science

- HACCP & Pathogen Reduction
- Laboratories & Procedures
- Data Collection & Reports
  - Microbiology
  - Chemistry
  - Pathology Projects
  - Animal Disposition Reporting System
  - FoodNet
- Risk Assessments

#### Media Help

To view PDF files you must have Adobe Reader installed on your computer.

**FSIS Testing Results for Melamine in Retail Meat and Poultry** (May 2009; PDF Only)

FSIS collected retail samples of ready-to-eat meat and poultry products to test for the presence of melamine. This action was prompted by public health concerns regarding melamine contamination of imported milk-derived food ingredients in FDA-regulated products. None of the products tested by FSIS posed a public health concern.

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Last Modified: August 5, 2009