

cloxacillin in the uncooked edible tissues of cattle and in milk.

[40 FR 28792, July 9, 1975]

§ 556.167 Colistimethate.

A tolerance for residues of colistimethate in the edible tissues of chickens is not required.

[63 FR 13123, Mar. 18, 1998]

§ 556.169 Danofloxacin.

(a) *Acceptable daily intake (ADI)*. The ADI for total residues of danofloxacin is 2.4 micrograms per kilogram of body weight per day.

(b) *Tolerances*—(1) *Cattle*—(i) *Liver (the target tissue)*. The tolerance for parent danofloxacin (the marker residue) is 0.2 part per million (ppm).

(ii) *Muscle*. The tolerance for parent danofloxacin (the marker residue) is 0.2 ppm.

(2) [Reserved]

[67 FR 78973, Dec. 27, 2002]

§ 556.170 Decoquinatate.

(a) *Acceptable daily intake (ADI)*. The ADI for total residues of decoquinatate is 75 micrograms per kilogram of body weight per day.

(b) *Tolerances*. Tolerances are established for residues of decoquinatate in the uncooked, edible tissues of chickens, cattle, and goats as follows:

(1) 1 part per million (ppm) in skeletal muscle.

(2) 2 ppm in other tissues.

[64 FR 10103, Mar. 2, 1999]

§ 556.180 Dichlorvos.

A tolerance of 0.1 part per million is established for negligible residues of dichlorvos (2,2-dichlorovinyl dimethyl phosphate) in the edible tissues of swine.

§ 556.185 Diclazuril.

(a) *Acceptable daily intake (ADI)*. The ADI for total residues of diclazuril is 25 micrograms per kilogram of body weight per day.

(b) *Tolerances*—(1) *Chickens*—(i) *Liver*. The tolerance for parent diclazuril (the marker residue) is 3 parts per million (ppm).

(ii) *Muscle*. The tolerance for parent diclazuril (the marker residue) is 0.5 ppm.

(iii) *Skin/fat*. The tolerance for parent diclazuril (the marker residue) is 1 ppm.

(2) *Turkeys*—(i) *Liver*. The tolerance for parent diclazuril (the marker residue) is 3 ppm.

(ii) *Muscle*. The tolerance for parent diclazuril (the marker residue) is 0.5 ppm.

(iii) *Skin/fat*. The tolerance for parent diclazuril (the marker residue) is 1 ppm.

[64 FR 35923, July 2, 1999. Redesignated and amended at 66 FR 62917, Dec. 4, 2001]

§ 556.200 Dihydrostreptomycin.

Tolerances are established for residues of dihydrostreptomycin in uncooked, edible tissues of cattle and swine of 2.0 parts per million (ppm) in kidney and 0.5 ppm in other tissues, and 0.125 ppm in milk.

[59 FR 41977, Aug. 16, 1994]

§ 556.220 3,5-Dinitrobenzamide.

No residues of 3,5-dinitrobenzamide may be found in the uncooked edible tissues of chickens as determined by the following method of analysis:

I. *Method of analysis—3,5-dinitrobenzamide*. A method for 3,5-dinitrobenzamide (3,5-DNBA) in chicken tissues is described with a cleanup step that removes most of the interfering materials, thus allowing uncompensated measurements to be read. The 3,5-DNBA is extracted from the sample with acetone and chloroform and prepared for chromatography by removing the aqueous phase in a separatory funnel and the solvents in a flash evaporator. The extract residue is chromatographed on alumina to remove several lipid components and residues of other drugs. The benzamide eluate is passed through a column of Dowex-50 resin, or equivalent, to remove arylamines; for example, 3-amino-5-nitrobenzamide. The 3,5-DNBA fraction is reduced, after removal of alcohol, with $TiCl_3$ in basic solution to an arylamine, presumably 3,5-diaminobenzamide. The reduced fraction is placed on another Dowex-50 column, most of the interfering substances are removed with washings of alcohol and water, and the arylamine residue is eluted with 4N HCl. Colorimetric measurement is made in a 100-millimeter cell at 530 millimicrons after reacting the residue with Bratton-Marshall reagents.

II. *Reagents*. A. Acetone.