

Depletion Kinetic of maduramicin in Eggs

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Abstract

We found non-compliant results for maduramicin in eggs. We decided that the information about the depletion period for maduramicin in eggs would be provided. We started our study at the day of the feed replacement. The data about maduramicin concentration in feed for laying hens before replacement was unavailable. The decreasing of ionophore concentration in eggs was determined by LC-MS/MS.

Key words: Maduramicin, eggs, residues, cross-contamination of non-target feed, LC-MS/MS