

Preparation of Medicated Feed

Study Objective

To evaluate the performance of the developed feed assay.

Sample Information

Premix: Iver-Cure containing 0.6% (6000 ppm) ivermectin

Cattle Feed and Deer Feed matrices were provided by Lyssy & Eckel, Inc.

Cattle Feed matrices

Sample 1: 200.00 ppm 10kg

Mixing 333.33 gram premix (Iver-Cure) with 9666.67 gram matrix

Sample 2: 400.00 ppm 5kg

Mixing 333.33 gram premix (Iver-Cure) with 4666.67 gram matrix

Deer Feed matrices

Sample 3: 20 ppm 10kg

Mixing 33.33 gram premix (Iver-Cure) with 9966.67 gram matrix

Sample 4: 75 ppm 5 kg

Mixing 62.5 gram premix (Iver-Cure) with 4937.5 gram matrix

Procedure

1. To prepare medicated feed at the assigned concentration, the calculated amount of premix was combined with the calculated amount of feed matrix and mixed using an electric rotary mixer for a total of 2 hours.
2. After mixing, the medicated feed was divided into ten aliquots for performance testing.