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Survey on β -Agonists Residues in Marketed Meat and Poultry

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ABSTRACT

A survey of β -agonists residues including clenbuterol, terbutaline, salbutamol and ractopamine in marketed meat and poultry was conducted in 2008. Thirty-seven samples, including 10 pork, 6 swine liver, 5 beef, 6 duck muscle and 10 goose samples, were obtained from retailers by local health personnel. Samples were analyzed by liquid chromatography/tandem mass spectrometry (LC/MS/MS). The salbutamol was detected in one duck muscle (0.47 ppm) and one goose muscle (7.45 ppm) samples. Ratio of non-compliant samples is 5.4%. The result of this survey had been released to media.

Key words: β -Agonists, veterinary drugs, meat and poultry, LC/MS/MS