

## References

- กระทรวงเกษตรและสหกรณ์. 2541. ราชกิจจานุเบกษา เรื่อง กำหนดชื่อ ประเภท ชนิดหรือลักษณะของอาหารสัตว์ที่ไม่อนุญาตให้นำเข้าเพื่อขาย และกำหนดชื่อ ประเภทชนิด หรือลักษณะของวัตถุที่เติมในอาหารสัตว์ ที่ห้ามใช้เป็นส่วนผสมในการผลิตอาหารสัตว์เพื่อขาย
- กระทรวงสาธารณสุข. 2545. ราชกิจจานุเบกษา เรื่อง เพิกถอนทะเบียนตำรับยา
- AOAC. 2002. AOAC guidelines for single laboratory validation of chemical methods for dietary supplements and botanicals. USA.
- Arancibia, V.; Valderrama, M.; Madariaga, A.; Zúñiga, M.C. and Segura, R. 2003. Extraction of nitrofurantoin and its toxic metabolite from urine by supercritical fluids. Quantitation by high performance liquid chromatography with UV detection. *Talanta* **61**: 377-383.
- Barefield, L.A. 1973. Qualitative identification of furazolidone, tylosin, and zoalene in feeds. *J. AOAC Int.* **56**: 762-764.
- Biswas, A and Ghosh, S. 1980. Spectrophotometric method of analysis of furazolidone in pharmaceutical preparations. *Indian J. Pharm. Sci.* 60-62.
- Brondi, S. H. G. and Lanças, F. M. 2005. Development and validation of a multi-residue analytical methodology to determine the presence of selected pesticides in water through liquid chromatography. *J. Braz. Chem. Soc.* **16**: 650-653.
- Choi, H. S.; Park, J. H.; Song, J. S. and Cho, Y. B. 2004. determination of urinary metabolites of alkyl cellosolves by solid phase extraction and GC/FID. *J. Occup. Health* **46**: 260-265.
- Churacek, J. 1993. Advanced instrumental methods of chemical analysis. Ellis Horwood, USA: 486 p.

- Cieri, U.R. 1979. High pressure liquid chromatographic detection and estimation of furazolidone and nitrofurazone in animal feeds. *J. Assoc. Anal. Chem.* **62**: 168-170.
- Commission Regulation (EC). 2003. No. 2003/181, *Off. J. Europ. Comm.*, No. L 71/18.
- Conneely, A.; Nugent, A. and O'Keeffe, M. 2002. Use of solid phase extraction for the isolation and clean-up of a derivatised furazolidone metabolite from animal tissue. *Analyst* **127**: 705-709.
- Currell, G. 2000. Analytical instrumentation performance characteristics and quality, John Wiley & Sons, USA: 307 p.
- Díaz, T.G.; Cabanillas, A.G.; Acedo Valenzuela, M.I.; Correa, C.A. and Salinas, F. 1997. Determination of nitrofurantoin, furazolidone and furaltadone in milk by high-performance liquid chromatography with electrochemical detection. *J. Chromatography A.* **764**: 243-248.
- Doyle, E. M. 2001. FRI Briefings: Alternatives to antibiotic use for growth promotion in animal husbandry, USA.
- Draissci, R.; Giannetti, L.; Lucentini, L.; Palleschi, L.; Brambilla, G.; Serpe, L. and Gallo, P. 1997. Determination of nitrofurantoin residues in avian eggs by liquid chromatography- UV photodiode array detection and confirmation by liquid chromatography-ion spray mass spectrometry. *J. Chromatogr A.* **777**: 201-211.
- Dykstra, R. A. 1961. Animal sanitation and disease control, 6<sup>th</sup> ed.; Interstate: U.S.A.: 650 p.
- Eurachem guide. 1998. The fitness for purpose of analytical methods: A laboratory guide to method validation and related topics, update on December, 1998.
- Fified, F.W. and Kealey, D. 2000. Principles and Practice of analytical chemistry, 5<sup>th</sup> ed.; Blackwell Science: London : 561 p.

- Food and Agriculture Organization (FAO). 2004. FAO-Asian strategic planning workshop on harmonization of standards for shrimp export-import workshop, Bangkok, Thailand, November, 4-6, 2003: 1-16.
- Food Standards Australia New Zealand (FSANZ). 2004. Nitrofurans in prawns: a toxicological review and risk assessment.
- Galeano Díaz, T.; López Martfnez, L. and Salinas, F. 1994. Kinetic determination of furazolidone and furaltadone based on alkaline hydrolysis reaction. *J. Microchemical.* **49**: 61-68.
- Garrod, L. P.; Lambert, H. P.; O'Grady, F. and Waterworth, P. M. 1985. Antibiotic and chemotherapy. 4<sup>th</sup> ed.; Longman group: New York: 615 p.
- Gibbons, John, H. 1979. Benefit of Drugs. *Drugs in Livestock Feed*; John C. Holmes; Washington D.C., 64 p.
- Hammam, E. 2002. Determination of nitrofurantoin drug in pharmaceutical formulation and biological fluids by square-wave cathodic adsorptive stripping voltammetry. *J. Pharm. Biomed. Anal.* **30**: 651-659.
- Harris, D. 1995. Quantitative chemical analysis, 5<sup>th</sup> ed.; W.H. Freeman and W.H. Freeman: New York: 37 p.
- Hayward, D. G. 1997. U. S. Food and Drug Administration division of field science, July 7, No. 4084.
- Horváth, C. 1980. High-performance liquid chromatography, 2<sup>nd</sup> ed.; Academic press: USA : 340 p.
- Humphreys, D. J. 1988. Veterinary toxicology. 3<sup>rd</sup> ed.; Baillière Tindall: London : 873 p.
- IARC. 1983. Furazolidone. IARC summaries of the data reported and evaluation,

- International Agency for Research on Cancer, World Health Organization, Lyon, France. 3: 140-141.
- ICH Q2B. 1996. Guidance for Industry: Validation of Analytical Procedures: Methodology. U.S. Department of Health and Human Services. Food and Drug Administration. Center for Drug Evaluation and Research (CDER). Center for Biologics Evaluation and Research (CBER).
- Kagan, B. 1980. Antimicrobial therapy. 3<sup>rd</sup> ed.; W.B. Saunders: London : 148-149.
- Kaniou, I.; Zachariadis, G.; Kalligas, G; Tsoukali, H.; and Stratis, J. 1994. *J. Liq. Chromatogr.* 17: 1385-1398.
- Kao, Y.; Chang, M.; Cheng, C. and Chou, S. 2001. Multiresidue determination of veterinary drugs in chicken and swine muscles by high performance liquid chromatography. *J. Food and Drugs Anal.* 9: 84-95.
- Khong, S-P.; Gremaud, E.; Richoz, J.; Delatour, T; Guy, P.A.; Stadler, R.H. and Mottier, P. 2004. Analysis of matrix-bound nitrofurans residues in worldwide-originated honeys by isotope dilution high performance liquid chromatography-tandem mass spectrometry. *J. Agric Food Chem.* 52: 5309-5315.
- Kumar, R.; Venkatakrishnam, R.; Sivaraman, N.; Srinivasan, T. G. and Vasudeva Rao, P. R. 2005. *J. Nucl. Radiochem. Sci.* 6: 127-130.
- Langezaal, C. R.; Chandra, A.; Katsiotis, S.T. Scheffer†, J. and de Haanξ, A. B. 1990. Analysis of supercritical carbon dioxide extracts from cones and leaves of a *Humulus lupulus* L Cultivar. *J. Sci. Food Agric.* 53: 455-463.
- Leitner, A.; Zöllner, P. and Lindner, W. 2001. Determination of the methalites of nitrofurans antibiotics in animal tissue by high-performance liquid chromatography-tandem mass spectrometry. *J. Chromatography A.* 939: 49-58.

- Lin, S. and Jeng, S. 2001. High-performance liquid chromatographic determination of carbadox, olaquinox, furazolidone, nitrofurazone and nitrovin in feed. *J. Food Prot.* **64**: 1231-1234.
- McCracken, R.J.; Blanchflower, W.J.; Rowan, C.; McCoy M.A. and Kennedy, G.D. 1995. Determination of Furazolidone in porcine tissue using thermospray liquid chromatography-mass spectrometry and a study of the pharmacokinetics and stability of its residues. *Analyst.* **120**: 2347-2351.
- McCracken, R. J. and Kennedy, D. G. 1997. Determination of furazolidone in animal feeds using liquid chromatography with UV and thermospray mass spectrometric detection. *J. Chromatography A.* **771**: 349-354.
- McCracken, R.J. and Kennedy, G, D. 1997. Determination of the furazolidone metabolite, 3-amino-2-oxazolidinone, in porcine tissues using liquid chromatography-thermospray mass spectrometry and the occurrence of residues in pigs produced in Northern Ireland. *J. Chromatography B.* **691**: 87-94.
- McDonald, P. D. 2001. A sample preparation primer and guide to solid phase extraction methods development. USA.
- Mill, T. and Roberson, C. 1987. Instrumental data for drug analysis, 2<sup>nd</sup> ed.; Elsevier Science: New York: 1628 p.
- Miller, J. N. and Miller, J. C. 2000. Statistics and Chemometrics for Analytical Chemistry, 4<sup>th</sup> ed.; Peason Education.Limited. England. 271 p.
- Moffat, A. C. 1986. Clarke's isolation and identification of drugs in pharmaceuticals, body fluids and post-mortem material, 2<sup>nd</sup> ed.; Phamaceutical Press: London: 635-817.

- Mottier, P.; Khong, S.; Gremaud, E.; Richoz, J.; Delatour, T.; Goldmann, T. and Guy, P. A. 2005. Quantitative determination of nitrofurans metabolites in meat by isotope dilution liquid chromatography-electrospray ionization-tandem mass spectrometry. *J. Chromatogr. A.* **1067**: 85-91.
- Nidhiprabha, B. 2002. SPS and Thailand's exports of processed food Workshop, Bangkok, Thailand, October, 1-3, 2002: 25 p.
- Parriott, D. 1993. A practical guide to HPLC detection, 1<sup>st</sup> ed.; Academic Press: USA : 193 p.
- Pereira, A.S.; Pampana, L.C.; Donato, J.L. and De Nucci, G. 2004. Analysis of nitrofurans metabolic residues in salt by liquid chromatography-tandem mass spectrometry. *Anal. Chim. Acta.* **514**: 9-13.
- Perkampus, H. 1992. UV-Vis spectroscopy and its applications, Springer-Verlag Berlin Heidelberg, Germany: 245 p.
- Perkin - Elmer corporation. 1996. Analytical methods for atomic absorption spectroscopy.. USA.
- R Development Core Team. 2006. The R Foundation for Statistical Computing version 2.3.0.
- Sadek, P. C. 1996. The HPLC solvent guide, John Wiley & Sons, USA: 311 p.
- Sanco. 2003. Sanco guideline: Quality control procedures for pesticide residues analysis, update on February, 2004.
- Situ, C. and Elliott, C.T. 2004. Simultaneous and rapid detection of five banned antibiotic growth promoters by immunoassay. *Anal. Chim. Acta.* **529**: 89-96.
- Smallidge, R. L. 1985. Liquid chromatographic method for determination of furazolidone in premixes feeds. *J. Assoc. Off. Anal. Chem.* **68**: 1033-1036.

- Snyder, L. R. and Kirkland, J. J. 1979. Introduction to modern liquid chromatography, 2<sup>nd</sup> ed., United States: USA : 859 p.
- Swartz, M. E. and Krull, I. S. 1997. Analytical method development and validation. USA : 65 p.
- Tomlinson, N.; Okeke, B. and Adjei, A. 2004. Legitimate uses of nitrofurans in food. USA: 10 p.
- Vass, M.; Kotkova, L.; Diblikova, I.; Nevorankova, Z.; Cooper, K.M.; Kennedy, D.G. and Franek, M. 2005. Production and characterization of monoclonal antibodies for the detection of AOZ, a tissue bound metabolite of furazolidone. *Vet.Med.-Czech.* **50**: 300-310.
- Verstegen, M. W.A. and Tamminga, S. 2001. The practice of animal nutrition in the 21<sup>st</sup> Century.
- Wanishphongphun, P. 2002. *Aquatic Life.* **153**: 73-77.
- Wegener, H.C. 2003. Antibiotics in animal feed and their role in resistance development. *Curr. Opin. Biotechnol.* **6**, 439-445.