

DAFTAR PUSTAKA

- Aalipour, F., Mirlohi, M., Jalali, M., dan Azadbakht, L., 2015, Dietary exposure to tetracycline residues through milk consumption in Iran, *Journal of Environmental Health Science and Engineering*, **13**(1): 80-87.
- Abbasi, M. M., Nemati, M., Babaei, H., Ansarin, M., and Nourdadgar, A. O. S., 2011a, Solid-Phase Extraction and Simultaneous Determination of Tetracycline Residues in Edible Cattle Tissues Using an HPLC-FL Method, *Iranian journal of Pharmaceutical Research*, **11**(3): 781-787.
- Abbasi, M. M., Nemati, M., Babaei, H., Ansarin, M., and Nourdadgar, A. O. S., 2011b, Simultaneous Determination of Tetracyclines Residues in Bovine Milk Samples by Solid Phase Extraction and HPLC-FL Method, *Advanced Pharmaceutical Bulletin*, **1**(1): 34–39.
- Abo El-Makarem, H. S., El Leboudy, A. A., dan Mahmoud, N. E., 2020, Oxytetracycline and β -lactam Residues in Raw Milk of Different Species Marketed in Alexandria City, Egypt, *Alexandria Journal of Veterinary Sciences*, **65**(1):60-65.
- Ahmed, A. M. & Gareib, M. M., 2016, Detection of Some Antibiotics Residues in Chicken Meat and Chicken Luncheon, *Egyptian Journal of Chemistry and Environmental Health*, **2**(2): 315-323.
- Ahmed, M. B. M., Abdel-Rahman, G. N., Salem, S. H., dan Fouzy, A. S. M., 2020, Incidence, stability and risk assessment for sulfonamides and tetracyclines in aqua-cultured Nile Tilapia fish of Egypt, *Toxicology Reports*, **7**(1): 836–843.
- Ahuja, S. & Dong, M., 2005, Handbook of Pharmaceutical Analysis by HPLC, Edisi 1, Volume 6, 20-21, *Separation Science and Technology*, Elsevier Inc., London.
- Al-Wabel, N. A., 2011, Monitoring of Tetracycline Residues in Table Eggs Collected From Qassim Region, KSA, *Journal of Agricultural and Veterinary Sciences*, **4**(2): 109-123.
- Anastasia, Y., 2011, Teknik Analisis Residu Golongan Tetrasiklin dalam Daging Ayam Secara Kromatografi Cair Kinerja Tinggi, *Buletin Teknik Pertanian*, **16**(2): 68-73.

- Anonim, 2012, Undang-Undang Republik Indonesia Nomor 18 Tahun 2012 tentang Pangan, Lembaran Negara Republik Indonesia Tahun 2012 Nomor 227, Jakarta.
- Ashjan, P. E., 2016, Honey Residues Monitoring Samples collected From Three of The East African's Countries (Uganda, Kenya, and Southsudan) Markets, *Bulletin of Animal Health and Production in Africa*, **4**(1): 77-82.
- Bahri, S., Widiastuti, R., dan Murdiati, T., B., 2002, Keamanan Pangan Asal Ternak: Suatu Tuntutan di Era Perdagangan Bebas, *WARTAZOA*, **16**(1): 1-13.
- Barker, S. A. & Walker, C. C., 1992, Chromatographic Methods For Tetracycline Analysis in Foods, *Journal of Chromatography*, **624**(1-2): 195–209.
- Barman, A. K. A., Hossain, M. M., Rasul, M. G., Majumdar, B. C., dan Rahim M. M., 2018a, Effects of oxytetracycline residues in Thai Koi (*Anabas testudineus* Bloch) collected from Sylhet, Bangladesh, *Archives of Agriculture and Environmental Science*, **3**(2): 174-179.
- Barman, A., Hossain, M., Rahim, M., Hassan, M., dan Begum, M., 2018b, Oxytetracycline residue in Tilapia, *Bangladesh Journal of Scientific and Industrial Research*, **53**(1): 41-46.
- Bilashoboka, E., Mudenda, B., Munyinda, N., Moshi, F. V., and Kambarage, D. M., 2018, Determination of Oxytetracycline Residue Levels in Edible Tissues of Slaughtered Cattle, *Food and Environment Safety*, **16**(4): 404-412.
- Blanchflower, W.J., McCracken, R.J., Haggan, A.S., Kennedy, D.G., 1997, Confirmatory Assay for The Determination of Tetracycline, Oxytetracycline, Chlortetracycline and Its Isomers in Muscle and Kidney Using Liquid Chromatography-mass Spectrometry, *Journal of Chromatography B, Biomedical Sciences and Applications*, **692**(2): 351-360.
- Boes, E., Kantasubrata J., dan Karossi, A. T., 1993, Penggunaan Ekstraksi Fase Padat untuk Analisis Tetrasiklin dalam Contoh Udang, *Indonesian Journal of Applied Chemistry*, **3**(2): 74-78.
- Boothe, D. M., 2015, Tetracyclines, msdvetmanual.com, 5 Januari 2021.
- Brady, M. S. & Katz, S.E., 1992, *Incidence of Residues in Foods of Animal Origin*, 5-6, In: Agarwal V.K. (Ed.) *Analysis of Antibiotic/Drug Residues in Food Products of Animal Origin*, Springer, Boston, MA.

- Brander, G. C., Pugh, R.J., and Bywater, W.L., 1991, *Veterinary Applied Pharmacology and Therapeutics*, 5th Ed., Bailliere Tindall ELBS, 436,467-473 cit. Wijayanti, A D., Hakim, L., Widiyono, L., dan Irianti, T., 2010, Penentuan Efektifitas Oksitetrasiklin Melalui Parameter Farmakokinetik/farmakodinamik pada Plasma dan Jaringan Ayam Broiler, *Jurnal Veteriner*, **11**(2): 119-125.
- Cantwell, F. F. & Losier, M., 2002, Introduction To Liquid-Liquid Extraction For Sample Preparation, *Comprehensive Analytical Chemistry*, **37**(11): 297-340.
- Chaleshtori S. R., Mardani, G., Rafieian, K. M., Chaleshtori S. A., Drees, F., 2013, Residues of Oxytetracycline in Cultured Rainbow Trout, *Pakistan Journal of Biological Sciences*, **16**(21): 1419-22
- Chopra, I. & Roberts, M., 2001, Tetracycline Antibiotics: Mode of Action, Applications, Molecular Biology, and Epidemiology of Bacterial Resistance, *Microbiology and Molecular Biology Reviews*, **65**(2): 232–260.
- Colaizzi, J. L., Knevel, A. M., dan Martin, A. N., 1965, Biophysical Study of the Mode of Action of the Tetracycline Antibiotics, *Journal of Pharmaceutical Sciences*, **54**(10): 1425–1436.
- Concordet, D. & Toutain, P. L., 1997, The Withdrawal Time Estimation of Veterinary Drugs Revisited, *Journal of Veterinary Pharmacology and Therapeutics*, **20**(5): 380–386.
- Darwish, W. S., Eldaly, E. A., El-Abbasy, M. T., Ikenaka, Y., Nakayama, S., and Ishizuka, M., 2013, Antibiotic Residues in Food: The African Scenario, *Japanese Journal of Veterinary Research*, **61**(Supplement): 13-22.
- El-Atabani, A. I., El-Ghareeb, W. R., Elabbasy, M. T., dan Ghazaly, E. I., 2014, Oxytetracycline Residues in Marketed Frozen Beef Livers at Sharkia, Egypt, *Benha Veterinary Medical Journal*, **26**(1): 104-112.
- Elbayoumi, Z. H., Yuosief, A. M., dan El-Bagory, A. R. M., 2018, Assessment of Doxycycline and Oxytetracycline Residues in Broiler Meat, *Alexandria Journal of Veterinary Sciences*, **57**(1): 23.
- Emiri, A., Myftari, E., Cocoli, S., dan Treska, E., 2014, Determination of Oxytetracycline, Tetracycline and Chlortetracycline in Beef Meat by HPLC-DAD Detector in Albania, *Albanian Journal of Agricultural Sciences*, **13**(1): 489-493.

- FAO, 1991, Residues of Some Veterinary Drugs in Animals and Foods, *FAO Food and Nutrition Paper, Food and Agriculture Organization of The United Nations*, **41**(3): 98-101.
- FAO, 2018, Maximum Residue Limits (MRLs) and Risk Management Recommendations (RMRs) for Residues of Veterinary Drugs in Foods, www.fao.org, 28 Oktober 2020.
- Gandjar, I. G. & Rohman, A., 2010, *Kimia Farmasi Analisis*, 378-406, Pustaka Pelajar, Yogyakarta.
- Gunes, N., Cibik, R., Gunes, M. E., & Aydin, L., 2008, Erythromycin Residue in Honey From The Southern Marmara Region of Turkey, *Food Additives & Contaminants: Part A*, **25**(11): 1313–1317.
- Hadinata, S. T. & Adriyanto, H., 2020, Tinjauan Penyimpanan Sistem FIFO pada Bahan Hewani yang Berdampak pada Proses Pengolahan Makanan di Morrissey Hotel Jakarta, *Emerging Markets: Business and Management Studies Journal*, **6**(2): 103–109.
- Hebbal, M. A., Latha, C., Menon, K. V., dan Deepa, J., 2020, Occurrence of Oxytetracycline Residues in Milk Samples from Palakkad, Kerala, India, *Veterinary World*, **13**(6): 1056–1064.
- Hind, E. A., Osman, K. M., Ibrahim Ishraga, G., dan Sabiel, Y. A., 2018, Detection of Oxytetracycline Residues in Table Eggs in Khartoum State, Sudan, *European Journal of Nutrition and Food Safety*, **8**(4): 148-154.
- Hughes, P. & Herritage, J., 2004, Assessing Quality and Safety of Animal Feeds: Antibiotic Growth Promoters in Food Animals, <http://www.fao.org/agrippa/>, 12 Februari 2021.
- Hossain, M. M., Barman, A. A., Rahim, M. M., Hassan, M. T., Begum, M., dan Bhattacharjee, D., 2018, Oxytetracycline residues in Thai Pangas Pangasianodon Hypophthalmus Sampled from Sylhet Sadar Upazila, Bangladesh, *Bangladesh Journal of Zoology*, **46**(1): 81–90.
- Ibrahim, Hemmat M., Hassan, M. A., dan Gouda, M. Y., 2018, Demonstration of Oxytetracycline Residues in Cattle Meat and Offal, *Benha Veterinary Medical Journal*, **35**(2): 202-208.
- Karageorgou, E., Armeni, M., Moschou, I., dan Samanidou, V., 2014, Ultrasound-Assisted Dispersive Extraction for The High Pressure Liquid

Chromatographic Determination of Tetracyclines Residues in Milk With Diode Array Detection, *Food Chemistry*, **150**(1):328–334.

Kazakevich, Y. & LoBrutto, R., 2007, *HPLC for Pharmaceutical Scientists*, 4-10 Wiley-Interscience Publication, A. John Wiley & Sons, Inc., Canada.

Kimera, Z. I., Mdegela, R. H., Mhaiki, C. J. N., Karimuribo, E. D., Mabiki, F., Nonga, H. E., dan Mwesongo, J., 2015, Determination of Oxytetracycline Residues in Cattle Meat Marketed in The Kilosa District, Tanzania, *Onderstepoort Journal of Veterinary Research*, **82**(1):991-996.

Kumar, A., Gill, J. P. S., Bedi, J. S., Chhuneja, P. K., and Kumar, A., 2019, Determination of Antibiotic Residues in Indian Honeys and Assessment of Potential Risks to Consumers, *Journal of Apicultural Research*, **59**(1): 25-34.

Mahmoudi, R., Moosavy, M., Norian, R., Kazemi, S., Nadari, M. R. A., Mardani, K., 2014, Detection of Oxytetracycline Residues in Honey Samples Using ELISA and HPLC Methods, *Pharmaceutical Sciences*, **19**(4): 145-150.

Mileva, R., Karadaev, M., Fasulkov, I., Petkova, T., Rusenova, N., Vasilev, N., Milanova, A., 2020, Oxytetracycline Pharmacokinetics After Intramuscular Administration in Cows with Clinical Metritis Associated with Trueperella Pyogenes Infection, *Antibiotics*, **9**(7): 392-405.

Mohsein, H. S. A., Mahmoud, M. A. M., Ibrahim, A. A. H., 2015, Tetracycline Residues in Intensive Broiler Farms in Upper Egypt: Hazards and Risks, *Journal of World's Poultry Research*, **5**(3): 48-58.

Moudgil, P., Bedi, J. S., Aulakh, R. S., Gill, J. P. S., 2019, Analysis of Antibiotic Residues in Raw and Commercial Milk in Punjab, India Vis-A-Vis Human Health Risk Assessment, *Journal of Food Safety*, 2019: e12643.

Murniningsih, T. & Chairul., 2000, Mengenal HPLC: Peranannya dalam Analisa dan Proses Isolasi Bahan Kimia Alam, *Berita Biologi*, **5**(2): 261-271.

Nchima, G., Choongo, K., Muzandu, K., Nalubamba, K., Muma, J., Bumbangi, F., Monga, G., dan Kangwa, H., 2017, Determination of Oxytetracycline and Sulphamethazine Residues in Marketed Beef from Selected Parts of Zambia to Assess Compliance With Maximum Residual Limits, *American Journal of Research Communication*, **5**(9): 42-64.

- Noga, E., 2010, *Fish Disease Diagnosis and Treatment Second Edition*, 78-79, Wiley-Blackwell, United States of America.
- Nisha, A., 2008, Antibiotic Residues A Global Health Hazard, *Veterinary World*, **2**(2): 375.
- Oka, H., Ito, Y., Matsumoto, H., 2000, Chromatographic Analysis of Tetracycline Antibiotics in Foods, *Journal of Chromatography A*, **882**(1-2): 109–133.
- Olatoye, I. & Ehinmowo, A., 2011, Oxytetracycline Residues in Edible Tissues of Cattle Slaughtered in Akure, Nigeria, *Nigerian Veterinary Journal*, **31**(2): 93-102.
- Olatoye, I. O. & Basiru, A., 2013, Antibiotic Usage and Oxytetracycline Residue in African Catfish (*Clarias gariepinus* in Ibadan, Nigeria), *World Journal of Fish and Marine Sciences*, **5**(3): 302-309.
- Olatoye, O. & Kayode, S. T., 2012, Oxytetracycline residues in retail chicken eggs in Ibadan, Nigeria, *Food Addit Contam Part B Surveill*, **5**(4): 255-9.
- Olatoye, I. O. & Ogundipe G. A. T., 2013, Quantitative Analysis of Oxytetracycline Residue in Beef and Chicken Meat From Cities of Southwest Nigeria, *Bulletin of Animal Health and Production in Africa*, **61**(1): 39-48.
- Orwa, J. D., Matofari, J. W., Muliro, P. S., dan Lamuka, P., 2017, Assessment of Sulphonamides and Tetracyclines Antibiotic Residue Contaminants in Rural and Peri Urban Dairy Value Chains in Kenya, *International Journal of Food Contamination*, **4**(1): 5-16.
- Ozumchelouei, J. E., Hamidian, A. H., Zhang, Y., and Yang, M., 2020, Physicochemical Properties of Antibiotics: A Review With An Emphasis on Detection in The Aquatic Environment, *Water Environment Research*, **92**(2): 177–188.
- Pawestri, W., Satria, G. D., Hakimah, N., dan Yudhabuntara, D., 2019, Detection of Tetracycline Residue on Tilapia Meat in Kota Yogyakarta using High Performance Liquid Chromatography (HPLC), *Jurnal Sains Veteriner*, **37**(2) 185-192.
- Patrabansh, S., Parajuli, N., dan Jha, V. K., 2020, Rapid Detection of Tetracycline Residues in Chicken, *International Journal of Applied Sciences and Biotechnology*, **8**(1): 14–20.

- Peres, G. T., Rath, S., dan Reyes, F. G. R., 2010, A HPLC With Fluorescence Detection Method for The Determination of Tetracyclines Residues and Evaluation of Their Stability in Honey, *Food Control*, **21**(5): 620–625.
- Prado, C. K., Ferreira, F. D., Bando, E., dan Machinski, M. Jr., 2015, Oxytetracycline, Tetracycline, Chlortetracycline and Doxycycline in Pasteurised Cow's Milk Commercialised in Brazil, *Food Addit Contam Part B Surveill*, **8**(2): 81-4.
- Putri, M. A., Herawati, D., dan Kurniaty, N., 2015, Pengembangan Metode Analisis Antibiotik Tetrasiklin dalam Hati Ayam Menggunakan Kromatografi Cair Kinerja Tinggi (KCKT), *Prosiding Penelitian Sivitas Akademika Unisba*, **1**(2): 79-85.
- Rafati, L., Ehrampoush, M. H., Mokhtari, M., Sohrabi, A., dan Shirazi, S., 2018 The Analysis of Oxytetracycline Residue in Tissues of Cultured Rainbow Trout (*Oncorhynchus Mykiss*), *Health Scope*, **7**(2): e57495.
- Rao, C. R. M., Kumar L. C. A., Sekharan C. B., 2015, Quantitative Analysis of Oxytetracycline Residues in Honey by High Performance Liquid Chromatography, *International Research Journal of Biological Sciences*, **4**(5): 59-65.
- Rassouli, A., Amani, Z., Bahonar, A., Shams, Gh., dan Abdolmaleki, Z., 2014, A Trace Analysis of Oxytetracycline and Tetracycline Residues in Pasteurized Milk Supplied in Tehran: A One-Year Study (April 2011-March 2012), *Iranian Journal of Veterinary Medicine*, **8**(2): 119-123.
- Reda, R. M., Ibrahim, R. E., Ahmed, E. G., and ElBouhy, Z. M., 2013, Effect of Oxytetracycline and Florfenicol as Growth Promoters on the Health Status of Cultured *Oreochromis niloticus*, *Egyptian Journal of Aquatic Research*, **39**(4): 241–248.
- Reybroeck, W., Daeseleire, E., De Brabander, H. F., and Herman, L., 2012, Antimicrobials in Beekeeping, *Veterinary Microbiology*, **158**(1-2): 1-11.
- Rouhbakhsh, Z., Verdian, A., and Rajabzadeh, G., 2019, Design of A Liquid Crystal-Based Aptasensing Platform for Ultrasensitive Detection of Tetracycline, *Talanta*, **206**(2020): 120246.
- Roy, D. C. & Gogoi, R., 2014, HPLC and Spectrophotometric Analysis of Tetracycline Residues in Marketed Pork of Assam, *Indian Journal of Veterinary and Animal Sciences Research*, **43**(2): 98-103.

- Salama, N. A., Abou-Raya, S. H., Shalaby, A. R., Emam, W. H., dan Mehaya, F. M., 2011, Incidence of Tetracycline Residues in Chicken Meat and Liver Retailed to Consumers, *Food Additives and Contaminants: Part B*, **4**(2): 88-93.
- Shahbazi, Y., Ahmadi, F., dan Karami, N., 2015, Screening, Determination and Confirmation of Tetracycline Residues in Chicken Tissues Using Four-Plate Test, ELISA and HPLC-UV Methods: Comparison Between Correlation Results, *Food and Agricultural Immunology*, **26**(6): 821-834,
- Saleh, S. M. K., Mussaed A. M., dan Al-Hariri, F. M., 2016, Determination of Tetracycline and Oxytetracycline Residues in Honey by High Performance Liquid Chromatography, *Journal of Agricultural Science and Technology B*, **6**(2): 135-139
- Skold, O., 2015, *Antibiotics and Antibiotic Resistance*, 119-121, A John Wiley & Sons. Inc. Publication, United States of America.
- Smith, R. M., 2003, Before The Injection-Modern Methods of Sample Preparation for Separation Techniques, *Journal of Chromatography A*, **1000**(1-2): 3-27.
- SNI, 2000, Batas Maksimum Cemaran Mikroba dan Batas Maksimum Residu dalam Bahan Makanan Asal Hewan, Standar Nasional Indonesia, www.bpmsph.org, 29 Oktober 2020.
- Snyder, L. R., Kirkland, J. J., and Glajch, J. L., 1997, *Practical HPLC Method Development*, Second Edition, 110-120, Wiley-Interscience Publication, A. John Wiley & Sons, Inc., Canada.
- Sversut, R. A., da Silva, A. A., Cardoso, T. F. M., Kassab, N. M., do Amaral, M. S., Salgado, H. R. N., 2016, A Critical Review of Properties and Analytical Methods for the Determination of Oxytetracycline in Biological and Pharmaceutical Matrices, *Critical Reviews in Analytical Chemistry*, **47**(2): 154-171.
- Taokaenchan, N. & Sangsrichan, S., 2010, HPLC-Fluorescence Detection Method for Quantitative Determination of Tetracycline Antibiotic Residues in Honey, *NU Science Journal*, **6**(2): 147-155.
- Wang, J., MacNeil, J. D., and Kay, J. F., 2012, *Chemical Analysis of Antibiotic Residues in Food*, 48-52, 75-79, John Wiley & Sons. Inc. Publication, United States of America.

WHO, 2001, WHO Global Strategy for Containment of Antimicrobial Resistance, World Health Organization, www.who.int, 12 Februari 2021.

Yanti, S., Hadi, S., dan Kurniawati, L., 2016, Analisis Kadar Residu Antibiotik dalam Daging Ayam Potong yang Beredar di Kota Mataram, *Jurnal Tambora*, **1**(1) :50-56.

Yu, H., Mu, H., and Hu, Y. M., 2012, Determination of Fluoroquinolones, Sulfonamides, and Tetracyclines Multiresidues Simultaneously in Porcine Tissue by MSPD and HPLC–DAD, *Journal of Pharmaceutical Analysis*, **2**(1): 76-81.