

## DAFTAR PUSTAKA

- Agustiani, W. 2007. *Modifikasi Membran Elektrode Selektif Ion Nitrat Tipe Kawat Platina Terlapis Dengan Polietilena Glikol Sebagai Porogen*. Skripsi. Fakultas Matematika dan Ilmu Pengetahuan. Institut Pertanian Bogor. Bogor.
- Anggrahini, Sri. 2008. *Keamanan Pangan Kaitannya dengan Penggunaan Bahan Tambahan dan Kontaminan*. Yogyakarta
- Atikah. 1994. *Pembuatan dan Karakterisasi Elektroda Selektif Nitrat Tipe Kawat Terlapis*. Tesis Pasca Sarjana. ITB. Bandung.
- Atikah, Dedeh Kurniasih, Hermin Sulistyarti. 2012. *The Coated-Wire Ion Selective Electrode (CWISE) of Chromate Using PVC-Membran Based on Chitosan as A Carrier*. Universitas Brawijaya. Malang
- Ayuningtyas, Imalia N. 2013. *Pembuatan dan Optimasi Elektroda Selektif Ion Merkuri Berbasis Kitosan untuk Mengukur Kadar Merkuri dalam Sediaan Kosmetik*. Skripsi. Fakultas Kedokteran Universitas Brawijaya. Malang.
- Ayuningtyas, Shenna, Husain N, Eka Herlina. 2012. *Kadar Formalin dan Metanil Yellow dalam Mi Basah yang Beredar di Pasaran Secara Kromatografi Cair Kinerja Tinggi*. Program Studi Kimia. Fakultas Matematika dan Ilmu Pengetahuan Alam. Universitas Pakuan. Bogor.
- Azizahwati, Maryati K, Heidi H. 2007. Analisis Zat Warna Sintetik Terlarang untuk Makanan yang Beredar di Pasaran. *Majalah Ilmu Kefarmasian* Vol. IV, No. 1, April 2007, ISSN : 1693-9883
- Bailey, Peter L. 1976. *Analysis with Ion Selective Electrodes*. Heyden: London
- BASF. 2013. *Aliquat-336*. BASF Corporation Tucson. USA
- BPOM. 2013. *Bahaya Metanil Yellow pada Pangan*. [online] <http://ik.pom.go.id/v2012/wp-content/uploads/2011/11/Bahaya-Metanil-Yellow-pada-Pangan3.pdf>
- Day, R.A dan Underwood. 2002. *Quantitative Analysis*, 6<sup>th</sup> ed. Prentice Hall. New York
- Faribod, et al. 2008. *Development in Field of Conducting and Nonconducting Polymer Based Potentiometric Membrane Sensors for Ions Over the Past Decade*. Iran: Center of Excellence in Electrochemistry, Faculty of Chemistry, University of Tehran
- Gandjar, I.G., Rohman, A. 2009. *Kimia Farmasi Analisis*. Pustaka Pelajar.



- Gea, Saharman, Andriyani, Sopia Lenny. 2005. *Pembuatan Elektroda Selektif – Ion Cu (II) Dari Kitosan-Polietilen Oksida*. Program Studi Kimia. FMIPA USU. Medan.
- Gross, Erin M, Richard S. Kelly, Donald M. Cannon, Jr. 2008. *Analytical Chemistry: Potentiometry*. [Online]. Tersedia: [http://www.asdlib.org/onlineArticles/ecourseware/Gross\\_Potentiometry/ISE.pdf](http://www.asdlib.org/onlineArticles/ecourseware/Gross_Potentiometry/ISE.pdf)
- Huber, L. 2010. *Validation of Analytical Methods*. Agilent Technologies. Jerman.
- Iqbal, Mochamad A. 2013. *Pembuatan Elektroda Selektif Ion Rhodamin B Berbasis Kitosan Untuk Mendeteksi Rhodamin B pada Makanan*. Skripsi. Fakultas Kedokteran Universitas Brawijaya. Malang.
- Kunusa, Wiwin Rewini. 2011. *Pembuatan dan Karakterisasi ESI PB<sup>2+</sup> Tipe Kawat Terlapis Bermembran Kitosan*. Tesis. Universitas Brawijaya. Malang.
- Kurniasih, Dede. 2012. *Elektroda Selektif Ion (ESI) Kromat Tipe Kawat Terlapis Bermembran Polimer Berbahan Aktif Kitosan*. Malang: Tesis Program Studi Kimia Analitik, Fakultas MIPA, Universitas Brawijaya
- Laksminarayanaiah, N. 1976. *Membrane Electrodes*. Academic Press, Inc. New York.
- Lazo, A.R, et al. 2005. *Construction and Characterization of a Lead (II) Ion Selective Electrode with 1-furoil-3,3-diethylthiourea as Neutral Carrier*. Havana: Laboratory of Analytical Chemistry, Institute of Materials, University of Havana
- Li-ya, Xia, Wu Gang-Chen, Han Yuan-Yuan, Li Ling. 2009. *Simultaneous Qualitative Analysis of Basic Orange2, Metanil Yellow, Ponceau 2R and Other Mixed Pigments in Food by TLC*. Science and Technology of Food Industry. [www.cnki.com.cn](http://www.cnki.com.cn)
- Lubis, Pettii dan Lutfi Dwi P A. 2010. *Ciri-Ciri 4 Zat Berbahaya pada Makanan*. Viva online (online) diakses 20 Oktober 2013
- Mulder, M. 1996, *Basic Principles of Membrane Technology*, Kluwer Academic Publisher.
- Nath, Partha P, Kaushik S, Panchali T dan Goutam P. 2013. Development of a Visible Spectrophotometric Method for The Quantitative Determination of Metanil Yellow in Different Food Samples. *International Journal of Pharma and Bio Sciences*. ISSN 0975-6299 Int J Pharm Bio Sci 2013 Apr; 4(2): (P) 685 – 692.
- Ningsih, Natria. 2008. *Pembuatan dan Pencirian Elektrode Selektif Ion Barium Tipe Kawat Terlapis Menggunakan Barium-Rose Bengal*. Skripsi. Departemen Kimia. Fakultas Matematika dan Ilmu Pengetahuan Alam. Institut Pertanian Bogor. Bogor.
- O'Rourke, Michelle, Noel D, Roland DM, and Ian P. 2011. *Electrochemical Impedance Spectroscopy – A Simple Method for the Characterization*

of Polymer Inclusion Membranes Containing Aliquat 336. Membranes  
ISSN 2077-0375.

- Shetty, AR. 2006. *Metal Anion Removal from Wastewater Using Chitosan In A Polymer Enhanced Diafiltration System*. Thesis. Biotechnology, Worcester Polytechnic Institute, United States.
- Sombastri, S. 2008. *Preparation of Optical Sensing Membrane Based on Dye Immobilization For Determination of Cobalt (II) Ion*. A Thesis of Master of Science in Chemistry Suranaree University of Technology
- Souza Michele Lemos de Souza, Emerson R. de Souza. 2006. *Vibrational Characterization of Plasticized PVC by FTIR and FTARMAN*. Universidade de Sao Paulo
- Supraptini, dkk. 2010. *Kualitas Bahan Makanan di Pasar Tradisional di Beberapa Kota di Indonesia (Kota Sragen di Jateng dan Gianyar Bali)*. Puslitbang Ekologi dan Status Kesehatan, Badan Litbangkes, Kementerian Kesehatan RI. Jakarta.
- Tehrani, et al. 2010. *Molecularly Imprinted Polymer Based PVC-Membrane Coated Graphite Electrode for the Determination of Metoprolol*. Department of Chemistry.
- Wroblewski, Wojciech. 2005. *Ion-selective electrodes*. [online]. <http://csrg.ch.pw.edu.pl/tutorials/ise/> diakses tanggal 10 Oktober 2013
- Yahaya, Munaratul Aini dan Sulaiman Ab Ghani. 2008. The Potentiometric Analysis of Chloride Ion Using Modified Heterogeneous Chitosan Membranes. *Journal of Physical Science*, Vol. 19(1), 43-52, 2008
- Yue, Jin, Sun Pi, Shen H, Wen Y, Zhang H, Wang G. 2006. *Research for Determination of Orange II and Metanil Yellow in Food by HPLC*. Shanghai Measurement and Testing. [www.cnki.com.cn](http://www.cnki.com.cn)
- Zulkarnain, Defi. 2011. *Pengaruh pH, Temperatur dan Ion Asing Terhadap Kinerja Elektroda Selektif Ion (ESI) Tetraborat Tipe Kawat Terlapis Bermembran Kitosan*. Malang: Skripsi Program Studi Kimia Analitik, Fakultas MIPA, Universitas Brawijaya

