DAFTAR PUSTAKA

Aranaz I, Ruth H, Angeles H. Chitosan Amphiphilic Derivatives : Chemistry And Applications, curr. *Org. Chem*, 2010, 14:308-30.

Bailey, P.L., 1976. *Analysis With Ion-Selective Electrodes*. New York Heyden & Sons. Ltd.

Barron JJ, Colin A, Leo G. The Effects of Temperature on pH Measurement. 2006. TSP 01 (2) : 1-7.

BASF. The Chemical Company. 2015. *Aliquat® 336*. TI/EVH 0125/4 e, *January* 2015.http://www.miningsolutions.basf.com/. Diakses 28 Januari 2016.

Bhamkar DR. and Varsha BP. Studies on Effect pH on Cross-linking of Chitosan With Sodium Tripolyphosphate : A Technical Note. *AAPS PharmaSciTech,* 2006, 7 (2) : 1-6.

Bier, A. 2010. *Electrochemistry : Theory and Practice*. Loveland : Hach Company.

BPOM. 2013. *Peraturan Kepala Badan Pengawas obat dan Makanan Republik Indonesia Nomor 36 : Batas Maksimum Penggunaan Bahan Tambahan Pangan Pengawet*, Jakarta, hal. 1-32.

Ceresa, A. Ion-Selective Polymeric Membrane Electrodes For Potentiometrie Trace Level Measurements. Swiss Federal Institute Of Technology Zurich.*Chemistry, Solubility, Derivatives, and Applications. ChemBioEng*, 2001, 2 : 1 – 24.

Ceresa, A. Tomasz S. Erno P. Influence of Key Parameters on the lower detection limit and response function of solvent polymeric membrane ion-selective electrode. *Journal of Electroanalytical Chemistry*, 2001, 501 : 70 – 6.

Chunningham, L. Henry, F. *Coated-Wire Ion-Selective Electrodes*. *Analytica Chimica Acta*, 1986, 180 : 271-279.

Dutta PK, Joydeep D, VS Tripathi. Chitin and Chitosan: Chemistry, properties and applications. *Journal of Scientific & Industrial Research*, 2004, 63 : 20-31.

Fardiyah, Q., dan U. Andayani. Modifikasi Elektroda Selektif Ion Sulfat Berbasis Kawat Platina Terlapis Untuk Penentuan Secara Tak Langsung Gas SOx, 2005, Penelitian DPP-SPP, FMIPA, Unibraw, Malang.

Gea, S., Andriyani., Sovia, Lenny., 2005. Pembuatan Elektroda Selektif Ion Cu (II) dari Kitosan – Polietilen Oksida. Universitas Sumatera Utara.

Gross EM, Richard SK, Donald MC. Analytical Electrochemistry: Potentiometry. *Journal of the Analytical Sciences Digital Library, 2008-07-31.*

Howick, C. 2000. *The Bonding Between PVC And Phthalate Esters : Fact Or Fiction*. Product Stewardship Manager INEOS Vinyls (UK) Ltd. Runcorn, UK.

Janata, J. 2009. *Principles of Chemicals Sensors Second Edition*. New York : Springer.

Jose LFC, Maria CBSM, Maria GF. Benzoate Ion-Selective Electrode with Improved Selectivity and Reproducibility for Benzoate Determination in Medicinal Syrups. *Mikrochim Acta,* 1996, 124 : 35 – 41.

Kumirska J, Mirko XW, Jorg T, Piotr S. Biomedical Activity of Chitin/Chitosan Based Materials Influence of Physicochemical Properties Apart from Molecular Weight and Degree of N-Acetylation. *Polymers,* 2011, 3 : 1875-1901.

Laili, Citra A. 2013. Tugas Akhir : Penggunaan Metode Potensiometri dan Spektrofotometri Untuk Pengukuran Kadar Logam Natrium dan Kalium Dalam Tanah Pertanian Dengan Menggunakan Tiga Ekstraktan. Jember : Universitas Jember.

Lakshminarayanaiah, N. 1976. *Membranes Electrode*. London: Academic Press.

Lie, Y. 2014. *Iron-Impregnated Nanosized Silica and Alumina: Implications for Contaminant Transformation*. Thesis. Graduate Faculty of Texas Tech University.

Maulidyawati, T., Atikah., Qonitah F. Pengaruh pH dan Temperatur Terhadap Kinerja Elektroda Selektif Ion Cd(Ii) Tipe Kawat Terlapis Berbasis D2EHPA. *Kimia Student Journal*, 2013, 2 (2) : 539 – 45.

Mikhelson, KN. 2013. *Ion-Selective Electrodes*. London : Springer.

Pezza, L. AO Santini, HR Pezza, CB Melios, VJF Ferreira, ALM Nasser. Benzoate Ion Determination In Beverages By Using A Potentiometric Sensor Immobilized In A Graphite Matrix. *Analytica Chimica Acta 433*, 2001 : 281 –8.

Pourjavadi A, Gholam ARM. Superabsorbency, Ph-Sensitivity And Swelling Kinetics Of Partially Hydrolyzed Chitosan-G-Poly(Acrylamide) Hydrogels. *Turky J chem*, 2006, 30 : 595- 608.

Rundle, CC. 2013. Glossary of Terms Used in Ion Selective Electrode Measurements (With Mathematical Formulae). London : Nico2000 Ltd.

Sava M, VA Chiriac, Dana V. Determination Of Valproate In Pharmaceutical Preparations Using A Valproate-Selective Sensor. *Series of Chemistry*, 2010, 19 (1) : 91–6.

ScienceLab. 2013. Material Safety Data Sheet:*Dioctyl Phthalate*. www.sciencelab.com, Diakses pada tanggal 28 Januari 2016.

ScienceLab. 2013. Material Safety Data Sheet : *Sodium Benzoate*. www.sciencelab.com, Diakses pada tanggal 28 Januari 2016.

Setiawan, B. 2012. *Pembuatan dan Karakterisasi Elektroda Selektif Ion Formiat Tipe Kawat Terlapis Berbahan Aktif Kitosan Sebagai Sensor Kadar Formalin Pada Makanan*. Tesis. Pascasarjana Kimia Universitas Brawijaya, Malang.

Strobel HA & Heineman WR. 1992. *Chemical Instrumentation: A Systematic Approach, 3rd edition*. New York: John Wiley & Son.

Tsukiji, RBM and Shintomi. 1995. *Thermal Analysis of Polyvinyl Chloride : Influence of Plasticizer on Glass Transition*. Tokyo : Hitachi High-Tech Science Corporation.

WHO. 2005. *Benzoic Acid and Sodium Benzoate*. Geneva : World Health Organization.

Zareh, MM. 2012. Plasticizers and Their Role in Membrane Selective Electrodes In : Luqman M (Ed), *Recent Advances in Plasticizers*, Zagazig, Egypt, p.113-24.

Zargar V, Morteza A, Amir D. A Review on Chitin and Chitosan Polymers: Structure, Chemistry, Solubility, Derivatives, and Applications. *ChemBioEng Reviews*, 2015, 2 (00): 1-24.