DAFTAR PUSTAKA

Abubakar, A.U. dan Baharudin, K.S., 2012, Potential Use of Malaysian Thermal Power Plants Coal Bottom Ash in Contruction, *J. Suist. Cons. Eng Tech*, 3.

Adamson, A.W., 1990, *Physical Chemistry of Surface*, Fifth Edition, John Wiley and Sons Inc., New York.

Agustiani, T.D., 2015, Adsorpsi Simultan Ion Logam Cu(II) dan Mg(II) pada Abu Dasar Batubata Terimobilisasi Dithizon, *Skripsi*, Departemen Kimia, Universitas Gadjah Mada, Yogyakarta.

Ambarsari, L.P., 2010, Adsorpsi Metilen Biru dengan Abu Dasar PT. IPMOMI Probolinggo Jawa Timur dengan Metode Kolom, *Skripsi*, Jurusan Kimia, Institut Teknik Sepuluh November, Surabaya.

Arini, T.D., 2015, Adsorpsi Simultan Ion Logam Zn(II) dan Ca(II) pada Abu Dasar Batubata Terimobilisasi Dithizon, *Skripsi*, Departemen Kimia, Universitas Gadjah Mada, Yogyakarta.

Atkins, P.W., 1997, *Kimia Fisika*, Erlangga, Jakarta.

Bowser, J.R., 1993, *Inorganic Chemistry*, Broocks/cole Publishing Company A Div. of Wadsworth Inc., Beltmont, California.

Cestari, A.R., Vieira, E.F.S., Lopes, E.C.N., and Silva, R.G., 2004, Kinetics and Equilibrium Parameters of Hg(II) Adsorption on Silika-Dithizone, *J. Colloid Interface Sci.*, 272, 271-276.

Christian, G.D. and O'Reilly, J.E., 1986, *Instrumental Analysis*, 2nd edition, Allyn and Bacon, Boston.

Darmono, 2001, *Lingkungan Hidup dan Pencemaran: Hubungannya dengan Toksikologi Senyawa Logam*, Universitas Indonesia Press, Jakarta.

Eschwege, K.G. and Swarts, J.C., 2010, Chemical and Elektrochemical Oxidation and Reduction of Dithizone, *J. Polyhedron*, 29, 1727-1733.

Freiser, B.S. and Freiser, H., 1970, Nature of the Enol or Secondary Series of Diphenylthiocarbazone Chelates, *J.Anal.Chem*, 42, 2, 305-306.

Greenwood, N.N. and Earnshaw, A., 1989, *Chemistry of Element*, Pentagon, London.

Guo, L., Sun, C., Li, G and Liu, C., 2009, Thermodynamics and Kinetics of Zn(II) Adsorption on Crosslinked Starch Phospates, *J. Hazard Mater,* 161, 510-515.

Hameed, B.H., Din, A.T.M., and Ahmad, A.L., 2007, Adsorption of Methylene Blue Onto Bamboo-based Activated Carbon: Kinetics and Equibrium Studies, *J. Hazard Mater,* 141,3, 819-825.

Ho, Y.S., 2004, Citation Review of Lagergren Kinetic Rate Equation on Adsorption Reactions, *Scientometrics*, 59, 171-177.

Krismastuti, F., Budiman, H., dan Setiawan, A., 2008, *Adsorpsi Ion Logam Kadmium dengan Silika Modifikasi*, LIPI, Bandung.

Kumar, R., Bishnoi, N.R., Garima and Bishnoi K, 2008, Biosorption of Chromium(VI) from Aqueous Solution and Electroplating Wastewater using Fungal Biomass, *J. Chem. Eng,* 135, 202-208.

Lynam, M.M., Kliduff, J.E. and Weber, Jr W.J., 1995, Adsorption of p-nitro phenol from Dilute Aqueous Solution, *J. Chem. Edu.,* 72, 80-84

Marczenko, Z., 1996, *Separationand Spectropothometric Determination of Element*, John Wiley and Sons, Chiechester, 88-94.

Mason, B., and Moore, C.B., 1982, *Principle of Geochemistry*, John Wiley and Sons Inc., New York.

Mudasir, Raharjo, G., Tahir, I., dan Wahyuni, E. T., 2008, Immobilization of Dithizone onto Chitin Isolated from Prawn Seawater Shells (*P.merguensis*) and its Preliminary Study for the Adsorption of Cd(II) Ion. *J. Psy. Sci*, 19, 63-78.

Pambudi, F.I., 2011, Adsorpsi Ion Logam Ag(I) bersama-sama Ion Logam Pb(II) dan Mg(II) Menggunakan Zeolit Alam Terimobilisasi Dithizon, *Skripsi*, Jurusan Kimia, Universitas Gadjah Mada, Yogyakarta.

Pearson, R.G., 1963, Hard and Soft Acids Bases, *J. Am. Chem. Soc*, 85, 22, 3533-3539.

Rahmadhani, P.F., 2014, Adsorpsi Zn(II) pada Abu Dasar Batubara Terimobilisasi Dithizon, *Skripsi,* Jurusan Kimia, Universitas Gadjah Mada, Yogyakarta.

Rakhmawati, F. dan Suprapto, 2013, Pengendapan Magnesium Hidroksida pada Elektrolisis Larutan Garam Industri, *J. Sains dan Seni Pomits*, 2, 2, 50-53.

Salih, B.A., Denizli, A., Kavakl, C., Say, R., and Piskin, E., 1998, Adsorption of Heavy Metal Ions Otto Dithizone-anchored Poly (EDGME-HEMA) Microbeads, *Talanta,* 46, 1205-1213.

Seng, T.B., 2006, Selective Liquid-Liquid Extraction of Precious Metals from Semiconductor Wastes, *Thesis*, Departement of Chemical Engineering, Faculty of Chemical and Natural Resources Engineering University, Malaysia.

Septiana, A., 2013, Studi Adsorpsi Campuran Ion Logam Pb(II), Cu(II) dan Cr(III) Menggunakan Abu Dasar Batubara, *Skripsi*, FMIPA, UGM, Yogyakarta.

Sidharta, I.G.B., 2011, Pemanfaatan Abu Dasar Batubara (*Bottom Ash)* sebagai Adsorben Bahan Organik pada Air Payau, *Skripsi*, Jurusan Teknik Lingkungan, UPN Veteran, Surabaya.

Sim, Y.S. and Lee, W.K., 2001, Preparation of Adsorption from MSWI Ash, *J. Korean Soc. Environ. Eng.*, 23, 379-388.

Speight, J.G., 2005, *Handbook of Coal Analysis*, John Wiley and Sons Inc, New York.

Stum, W. and Morgan, J.J., 1996, *Aquatic Chemistry: Chemical Equibrilia and Rates in Natural Waters,* John Wiley and Sons Inc., Canada.

Sugiyarto, K.H., 2003, *Dasar-dasar Kimia Anorganik Logam*, FMIPA, UNY, Yogyakarta.

Sukardjo, 1990, *Kimia Anorganik,* Penerbit Rineka Cipta, Yogyakarta.

Sunarti, 2008, Pembuatan Adsorben dari Abu Dasar Batubara dan Aplikasinya untuk Adsorpsi Logam Berat Timbal (Pb), *Tesis*, Jurusan Kimia, Universitas Gadjah Mada, Yogyakarta.

Suyanta, 2003, *Diktat Kuliah Kimia Unsur*, Jurusan Kimia FMIPA UGM, Yogyakarta

Tan, K.T., 1992, *Dasar-dasar Kimia Tanah*, UGM Press, Yogyakarta.

Vogel, 1990, *Buku Teks Analisis Anorganik Kualitatif Makro dan Semi Mikro*, Bagian I, PT Kalman Media Pustaka, Jakarta.

Wahyuni, S. dan Widiastuti, N., 2010, Adsorpsi Ion Logam Zn(II) pada Zeolit A yang disintesis dari Abu Dasar Batubara PT IPMOMI Paiton dengan Metode Batch, *Prosiding*, Jurusan Kimia, Institut Teknik Sepuluh November, Surabaya.

Welcher, F.J., 1964, *Standard Methods of Chemical Analysis*, D. Van Nostrand Company, London.

Wicaksono, D., 2014, Adsorpsi Kompetitif Metilen Biru dan Metilen Violet Menggunakan Abu Dasar Batubara, *Skripsi*, FMIPA UGM, Yogyakarta.