DAFTAR PUSTAKA

Atkins, P.W., 1990, *Physical Chemistry*, 2nd edition, Oxford University Press, Oxford.

Barakat, M.A., 2011, New Trends in Removing Heavy Metals from Industrial Wastewater, *Arab J.Chem*., 4, 361-377.

Bekkum, H. V., Flanigen, E.M. and Jansen, J.C., 1991, *Introduction to Zeolite Science and Practice*, Elsevier, Amsterdam.

Belanger, Scott, E., Jessica, L.B., Jane, M.R., Kathleen, M.M., Ann, S.Z., and Kenneth, R.W., 2016, Aquatic toxicity structure-activity relationships for the zwitterionic surfactant alkyl dimethyl amine oxide to several aquatic species and a resulting species sensitivity distribution, *Ecotox. Environ. Safe*., 134, 95-105.

Bennet, E.M., Carpenter, S.R., and Caraco, N.F., 2001, Human Impact on Erodable Phosphorus and Eutrophication: a Global Perspective, *Biosci*, 51, 227.

Bleday, R., Weiss,M.J., Salem, R.R., Wilson, R.E., Chen, L.B., and Steele, G.Jr., 1986, Inhibition of Rat Colon Tumor Isograft Growth with Dequalinium Chloride, *Arch. Surg*., 121, 1272-1275.

Bowman, R.S., 2005, Surfactant Modified Zeolite (SMZ) a Versatile, Inexpensive Sorbent for Removing Contaminant from Water, *Environ. Sci. Technol.*, 9(2), 170-178.

Chetam, D.A., 1992, *Solid State Compound*, Oxford University Press, Oxford.

Cookey, G.A., Nwokobia, F.U., 2014, Effect of N-decyl-n-n-dimethyl-3-ammonio-1-propanesulfonate on the solution properties of sodium dodecyl sulfate, *J. Appl. Sci and Environ Manage*, 18, 523-527.

Delaney, P., McMannamon, C., Hanrahan, J.P., Copley,M.P., Holmes, J.D., and Morris, M.A., 2011, Development of Chemically Engineered Porous Metal Oxides for Phosphate Removal, *J. Hazard. Mater.*,185, 382–391.

Diaz, D.L., Erick, S.G., Cristina, G., and Rolando, C., 2010, A Rhelogical Study in the Dilute Regime of the Worm-Micelle Fluid made of Zwitterionic Surfactant (TDPS), Anionic Surfactant (SDS) and Brine, *J. Colloid Interface Sci*., 348, 152-158.

Dyer, A., 1988, *Introduction to Zeolite Molecular Sieves*, Chichester, John willey and Sons.

Ertan, A. and Ozkan, 2005, CO_2 and N_2 Adsorption on the Acid (HCl, HNO_3, H_2SO_4 and H_3PO_4) Trend Zeolites, *Adsorpt. Sci*., 11, 151-156.

Fauziah, H., 2011, Modifikasi Bentotit dengan Cetiltrimetilammonium Bromida untuk Adsorpsi Anion Permanganat dan Kromat, *Tesis*, Departemen Kimia FMIPA UGM, Yogyakarta.

Flanigen, E.M., Khatami, H., and Szysmanski H, A., 1971, *Infrared structural studies of zeolite frameworks*, Union Carbide Coorp, Linde Division Laboratory, New York.

Gupitasari, D.N., 2017, Zeolit termodifikasi Setil Trimetilammonium Bromida (CTAB) dan Dodesil Dimetil-3-Amonio-1 Propanasulfonat (DPS) untuk Adsorpsi Mg^{2+}, SO_4^{2-} dan Benzena, *Tesis*, Departemen Kimia FMIPA UGM, Yogyakarta.

Haggerty, G.M. and Bowman, R.S., 1994, Sorption of Chromate and Other Inorganic by Organo-Zeolite, *Environ. Sci. Technol*., 28, 452-458.

Hanrahan, G., Gardoinski, P., Gledill, M., and Worsfold, P., 2002, *Environronmental Monitoring Handbook*, McGrawHill, New York.

He, H.P., Zhou, Q., Martens, W.N., Kloprogge, T.J., Yuan, P., Xi, Y.F., Zhu, J.X., and Frost, R.L., 2006, Microstructure of $HDTMA^+$-modified montmorilonites and its influence on sorption characteristics, *Clays and Clay Miner*, 54, 689-696.

Jatmika, A., 1998, Aplikasi Enzim Lipase dalam Pengolahan Minyak Sawit dan Minyak Inti Sawit untuk Produk Pangan, *Warta Pusat Penelitian Kelapa Sawit*, 6(1), 31-37.

Karageorgiou, K., Paschalis, M., Anastassakis, G.N., 2007, Removal of Phosphate Species from Solution by Adsorption onto Calcite Used as Natural Adsorbent, *J. Hazard. Mater.*, A139, 447–452.

Kesraoui-Ouki, S., Cheeseman, C.R., and Perry, R., 1994, Natural zeolite utilization in pollution control : A review of applications to metals effluents, *J.Chem. Technol. Biotechnol*., 59(2), 121-126.

Khalili, Z. and Bonakdarpour B., 2010, Statistical Optimization of Anaerobic Biological Processes for Dye Treatment, *Clean: Soil, Air, Water.*, 38, 942-950.

Komadel, A., 2003, *Chemically Modified Smectites*, Slovac academy of Sciences, Slovakia, Rev.3, 121-122.

Kuleyin, A., 2007, Removal of Phenol and 4-Chlorophenol by Surfactant Modified Natural Zeolite, *J. Hazard Mater*., 144, 3771-3776.

Li, Z. and Bowman, R.S., 1998, Sorption of Chromate and PCE by Surfactant-Modified clay minerals, *Environ. Eng. Sci*., 15, 237-245.

Ma, L., Qingze, C., Jianxi, Z., Yunfei, X., Hongping, H., Runliang, Z., Qi, T., Godwin, A., and Ayoko A., 2016, Adsorption of Phenol and Cu(II) onto Kationic and Zwitterionic Surfactant Modified Montmorillonite in Single and Binary Systems, *J. Chem. Eng*., 283, 880-888.

Mahajan, R.K. and Rabia, S., 2011, Analysis of Interfacial and Micellar Behaviour of Sodium Dioctyl Sulphosuccinate Salt (AOT) with Zwitterionic Surfactants in Aqueous Media, *J. Colloid Interface Sci*., 363, 275-283.

Merino, D., Ollier, R., Lanfranconi, M., and Alvarez, V., 2016, Preparation and Characterization of Soy Lechtician-Modified Bentonite, *Appl. Clay Sci*, 127, 17-22.

Miskiyah, 2016, Zeolit Alam Termodifikasi Setiltrimetilamonium Bromida Sebagai Adsorben Mutifungsi Anion SO_4^{2-}, Kation NH_4^+ dan Senyawa Nonpolar Benzena, *Skripsi*, Departemen Kimia FMIPA UGM, Yogyakarta.

Mockov, I.A., Matik, M., Oroli, N.Z., Hudee, P., and Kmecova, E., 2007, Structural characteristic of modified natural zeolite, *J. Porous Mater*., 10, 109-117.

Morse, G.K., Lester, J. N. and Perry, R., 1993, *The Economic and Environromental Impacts of Phosphorus removal from wastewater in the European Community*, Selpher Publications, London.

Mortier, W.J. and Schoonheydt, R. A., 1985, *Surface and Solid State Chemistry of Zeolites, Great Britain*, Pergamon Press Ltd.

Muhammad, N., Pair, J., Smith, M.D., and Wheatley, A.D., 1998, Adsorption of Heavy Metal in Slow Sand Filters, *Proceedings of the 24th WEOC International Conference on Water Supply and Sanitation*, Durban, South Africa

Onyango, C., Henle, T., Ziems, A., Hofmann, T., and Bley, T., 2004, Effect of exstrusion variables on fermented maize-finger millet blend in the production of uji, *LWT –Food Sci and Technol*, 37(4), 409-415.

Oscik, J., 1982, *Adsorption 1st ed*, John Wiley & Sons, New York.

Popov, N., Popova, T., Rubio, J., and Taffarel, S.R., 2012, Use of Natural and Modified Zeolite from Bulgarian and Chilian Deposits to Improve Adsorption of Heavy Metal from Aqueous Solutions, *Bull. Miner. Petrol. Geochem.*, 49, 83-93.

Sadat, W. Al., Nasser, M.S.F., Chang, H.A., Nasr-El-Din, I.A., and Hussein, 2014, Laboratory evaluation of the effects of additives and pH on the thermorlheological behavior of a viscoelastic zwitterionic surfactant used in acid stimulation, *J. Pet. Sci. Eng.*, 122, 458-467.

Safitri, N., 2016, Kajian Adsorpsi Desorpsi Anion Nitrat dan Kation Kalsium pada Zeolit termodifikasi CTAB, *Skripsi*, Departemen Kimia FMIPA UGM, Yogyakarta.

Santikasari, C., 2016, Kajian Adsorpsi Desorpsi Ion Sulfat dan Magnesium pada Zeolit termodifikasi CTAB, *Skripsi*, Departemen Kimia FMIPA UGM, Yogyakarta.

Seliman, A.F. and Borai, E.H., 2011, Utilization of Natural Chabazite and Mordenite as a Reactive Barrier for Immobilization of Hazardous Heavy Metals, *Environ. Sci. Pollution.*, 18, 1098-1107.

Silva, A.M., Lima, R.F.M., and Leao, V.A., 2012, Water Treatment with Limestone for Sulfate Removal, *J. Hazard. Mater.*, 45-55.

Taffarel, R.S. and Rubio, J., 2010, Adsorption of Sodium Dodecyl Benzene Sulfonate from Aqueous Solution, *Miner. Eng.*, 23, 771-779.

Trisunaryati, W., 2009, *Kimia Zat Padat*, Yogyakarta, Universitas Gadjah Mada.

Valdes, M.G., Perez, A.I., and Diaz, M.E., 2006, Zeolites and Zeolite-based Materials in Analytical Chemistry, *Trends. Anal. Chem.*, 25(1), 24-30.

Vujakovic, A.D., Magdalena, R., Tomasevic, C.M.R., Dakovic, A.S., and Dondur, V.T., 2000, The Adsorption of Shulphate, Hydrogen Chromate and Dihydrogen Phosphate Anions on Surfactant-Modified Clinoptilolite, *Appl. Clay. Sci.*, 17, 265-277.