

DAFTAR PUSTAKA

- Akcaý dan Yurdakoc. (1999). "Nonyl-and Dodecylamines Intercalated Bentonite and Illite from Turkey", *Turk J Chem.* 23, 105-113.
- Aldiantono, Dimas. (2009). *Sintesis Adsorben Kitosan-Bentonit dan Uji Kinerjanya terhadap Diazinon dalam Air Minum*. Skripsi Program Studi Kimia Jurusan Pendidikan Kimia FPMIPA UPI, Bandung: Tidak Diterbitkan.
- Alemdar, *et al.* (2005). "Effects of polyethyleneimine adsorption on rheology of bentonite suspensions", *Indian Academy of Sciences*, 28, (3), 287-291.
- Almatsier, Sunita. (2006). *Prinsip Dasar Ilmu Gizi*. Jakarta: PT. Gramedia Pustaka Utama.
- Benefield, Larry., Judkins, Joseph., Weand, Barron. (1992). *Process Chemistry For Water and Wastewater Treatment*. Prentice Hall. 202-208.
- Corrêa, Karen S.M. *et al.* (2007). "A new environmental friendly clay catalyst for one-pot coiodination and epoxidation of alkenes", *Journal Of The Brazilian Chemical Society*, 18, (8), 100-404.
- Chang M.Y., Juang, R.S. (2004). "Adsorption of Tannic Acid, Humic Acid and Dyes from Water Using The Composite of Chitosan and Activated Clay", *J. Colloid Interface sci*, 278, 18-25.
- Darmono. (1995). *Lingkungan Hidup dan Pencemaran: Hubungannya dengan Toksikologi Senyawa Logam*. Jakarta: UI-Press.
- Díaz, Francisco R. Valenzuela dan Pérsio de Souza Santos. (2001). "Studies On The Acid Activation Of Brazilian Smectitic Clays", *Química Nova*, 24, (3), 100-404.
- Erdawati. (2008). "Kapasitas Adsorpsi Kitosan dan Nanomagnetik Kitosan terhadap Ion Ni (II)", *Seminar Nasional Sains dan Teknologi-II*,
- Hendaya, Sumar dkk. (1994). *Kimia Analitik Instrumen*. Semarang: IKIP Semarang Press.
- Hirano, S. (1986). *Chitin and Chitosan*. *Ulmann's Encyclopedia of Industrial Chemistry*. Republicka of Germany. 5th . ed. A 6: 231 – 232.
- Hongping, He, Frost L. R., dan Zhu Jianxi. (2004). "Infrared Study of HDTMA⁺ Intercalated Montmorillonite", *Molecular and Biomolecular Spectroscopy Volume 60 Elsevier*.

- Jong, Hyok An dan Stefan Dultz. (2007). "Adsorption of Tannic Acid on Chitosan-montmorillonite as a Function of pH and Surface Charge Properties", *Science Direct*, 36, 256-264.
- Khoerunnisa, Fitri. (2005). *Kajian Adsorpsi dan Desorpsi $Ag(S_2O_3)_2^{3-}$ dalam Limbah Fotografi pada dan dari Adsorben Kitin dan Asam Humat Terimobilisasi pada Kitin*. Tesis Program Studi Ilmu Kimia Universitas Gadjah Mada, Yogyakarta: Tidak Diterbitkan.
- KPPL DKI Jakarta dan PPLH IPB. (1997). *Studi Potensi Kawasan Perairan Teluk Jakarta*, Laporan Akhir.
- Ladaa, Tarek., Gretchen Bielmeyer, & Kim-Lee Murphy. (1998). *Organophosphates*. [Online]. Tersedia: <http://entweb.clemson.edu/pesticid/Document/leeorg1/leeorg3.htm>. [16 April 2009].
- Lopez, F.A, dkk. (2007). a *Kinetic Study on The Thermal Behaviour of Chitosan*. Departamento de Metalurgia Primaria y Reciclado. Centro Nacional de Investigaciones Metalúrgicas (CENIM). CSIC, Spain [online]. Tersedia <http://www.cenim.csic.es> [10 Desember 2008].
- Manahan, S.E. (1990). *Environmental Chemistry*. Fourth Ed. University of Missouri. Lewis Publisher.
- Marganof. (2007). *Potensi Limbah Udang Sebagai Penyerap Logam Berat (Timbal, Kadmium, Dan Tembaga) Di Perairan*. Institut Pertanian Bogor.
- Mrunal R. Thatte. (2004). *Synthesis And Antibacterial Assessment Of Water-Soluble Hydrophobic Chitosan Derivatives Bearing Quaternary Ammonium Functionality*. Desertasi pada Louisiana State University and A & M College Baton Rouge: dipublikasikan.
- Muzzarelli, R.A.A. (1986). *Chitin*. Faculty of Medicine Univeersity of Ancona. Italy. Pergamon Press. 81 –87.
- Notohadiprawiro, tejoyuwono. (2006). *Logam Berat dalam Pertanian*. Ilmu Tanah Universitas Gajah Mada.
- Othmer, Kirk. (1964). *Encyclopedia of Chemical Technology Second edition Volume 3*. USA: John Wiley and Sons.
- Patimah, Siti Empit. (2006). *Tinjauan Kapasitas Adsorpsi Diazinon Dalam Air Minum Pada Histidin-Bentonit*. Skripsi Program Studi Kimia Jurusan Pendidikan Kimia FPMIPA UPI, Bandung: Tidak Diterbitkan.

- Petrovic-Filipovic, Lepasava, Kostic-Gvozdevonic, Ljiljana, dan Eric-Antonic, Stanka. (2002). "The Effects of the Fine Grinding on the Physicochemical Properties and Thermal Behavior of Bentonite Clay". *J. Serb. Chem. Soc. Vol. 67. Num. 11. p. 753-760.*
- Pusat penelitian dan pengembangan mineral dan batubara. (2005). *Bentonit*. [ONLINE]. Tersedia: <http://www.tekmira.esdm.go.id/data/Bentonit/ulasan.asp?xdir=Bentonit&commId=8&comm=Bentonit> [14 Juni 2009]
- Qilin, Li dan Laura Kegley. (2005). *Assessing The Effectiveness And Environmental Impacts Of Using Natural Flocculants To Manage Turbidity*. [Online]. Tersedia: http://www.oregon.gov/ODOT/TD/TP_RES/. [29 Januari 2009].
- Rohayani, Rani. (2005). *Sintesis Adsorben Histidin-Bentonit dan Uji Adsorpsinya terhadap Pestisida dalam Air Minum*. Skripsi program kimia FPMIPA universitas Pendidikan Indonesia, Bandung. Tidak diterbitkan.
- Sawyer, Clair N, McCarty, Perry L, dan Parkin, Gene F. (1994). *Chemistry for Environmental Engineering (Fourth Edition)*. Singapura: McGraw-Hill, Inc..
- Saeni, M.S. (1997). *Penentuan Tingkat Pencemaran Logam Berat dengan Analisis Rambut*. Orasi Ilmiah, Guru Besar Tetap Ilmu Kimia Lingkungan, Fakultas Matematika dan IPA IPB. Bogor.
- Setiabudi, Agus, dkk. (2007). *Karakterisasi Zat Padat*. Jurusan Pendidikan Kimia FPMIPA UPI. Bandung.
- Suarya, P. (2008). *Adsorpsi pengotor Minyak Daun Cengkeh oleh Lempung Teraktivasi Asam*. Jurusan Kimia FPMIPA Universitas Udayana, Bukit Jimbaran.
- Stuart. M Bennett. (2001). *Diazinon*. [ONLINE]. Tersedia: [http://www.thepiedpiper.co.uk/th13\(e\).htm](http://www.thepiedpiper.co.uk/th13(e).htm) [24 Juli 2009]
- Synowiecki, Josef dan Nadia Ali. (2003). *Production, Properties, and Some New Applications of Chitin and Its Derivatives*. Critical review in food science and nutrition. 43,(2),145-171.
- Tirani, Nuth Fasa. (2006). *Kajian Mekanisme Adsorpsi Diazinon pada Adsorben Histidin-Bentonit*. Skripsi Program Studi Kimia Jurusan Pendidikan Kimia FPMIPA UPI, Bandung: Tidak Diterbitkan.

Tokura, S. dan N. Nishi. (1995). *Specification and Characterization of Chitin and Chitosan*. Collection of Working Papers. 28. Univesiti Kebangsaan Malaysia 8, 67 – 78.

Wan Saime, Wan Ngah, *et al.* (1998). “Comparison study of copper ion adsorption on Chitosan”. *J. Appl Polym. Sci.* 67, 1067-1070.

Wan Saime, Wan Ngah, *et al.* (2006). “Dorption of Chromium from Aqueous Solutions Using Chitosan Beads”. *Adsorptioni.* 12, 249-257.

Yatim, Wildan. (2009). *Mineral Bagi Kehidupan*. [Online]. Tersedia: <http://chordtunes.blogspot.com/2009/06/mineral-bagi-kehidupan.html> mineral bagi kehidupan. [16 Agustus 2009].

