

DAFTAR PUSTAKA

- [1] Ita Ulfin, Harmani, and Elissa Rahmawati, "Pemisahan Kromium Dari Limbah Cair Industri Penyamakan Kulit dengan Koagulasi FeSO_4 ," September 2014.
- [2] Eka Wardhani, Mila Dirgawati, and Ima Fauzia Alvina,. Bandung: Lingkungan Tropis, 2013, vol. 7.
- [3] Karmen Margeta, Natasa Zabukovec Logar, Mario Silijeg, and Anamarija Farkas, "Natural Zeolit in Water Treatment - How Effective is Their Use," 2013.
- [4] Prasetyo PH, "Penentuan Ion Logam Cr dalam Air Tangki Reaktor Menggunakan Metode Spektrofotometri Uv-Vis," Universitas Sebelas Maret, Surakarta, Skripsi Fakultas MIPA 2006.
- [5] Asmadi, Endro S, and W Oktiawan, "Pengurangan Chrom (Cr) Dalam Limbah Cair Industri Kulit Pada Proses Tannery Menggunakan Senyawa Alkali $\text{Ca}(\text{OH})_2$, NaOH dan NaHCO_3 (Studi Kasus PT. Trimulyo Kencana Mas Semarang)," vol. 5, 2009.
- [6] PW Atkins, *Kimia Fisik*, 2nd ed., Wahyu Indarto Purnomo, Ed. Jakarta: Erlangga, 1999.
- [7] Mahreni and Endang Sulistyawati, "Pemanfaatan Kulit Telur Sebagai Katalis Biodisel dari Minyak Sawit dan Metanol," Juli 2011.
- [8] Sari Rahmwati, Dr. Didik Prasetyoko, M.Sc, and Dra. Ratna Edianti, "Sintesis Partikel Nano CaO dengan Metode Kopresipitasi dan Karakterisasinya," *Semester Genap*, 2011/2012.
- [9] Dewi Yuanita Lestari, "Kajian Modifikasi dan Karakterisasi Zeolit Alam dari Berbagai Negara," Oktober 2010.
- [10] Yuanita D, "Hidrogenasi Katalitik Metil Oleat Menjadi Stearil Alkohol Menggunakan Katali Ni/Zeolit Alam," *Prosiding Seminar Nasional Kimia UNY*, 2009.
- [11] Karmen Margeta, Natasa Zabukovec Logar , Mario Silijeg, and Anamarija Farkas, "Natural Zeolites in Water Treatment - How Effective is Their Use". [Online]. <http://dx.doi.org/10.5772/50738>
- [12] Nyoman Puspa Asri, Rachmad Abadi, Arfina Hasmawati, and Sita Alfian Mubarak, "Penurunan Kadar Logam Berat Limbah Cair Industri Emas (PT.X) di Surabaya," vol. 9, pp. 55-61, Agustus 2010.

- [13] Dian Kusuma Rini and Fendy Anthonius Lingga, "Optimasi Aktivasi Zeolit Alam untuk Dehumidifikasi," Jurusan Teknik Kimia Fakultas Teknik Universitas Diponegoro, Semarang, Skripsi 2010.
- [14] Raymond Chang, *Kimia Dasar: Konsep-Konsep Inti Jilid 2 Edisi Ketiga*. Jakarta: Erlangga, 2003.
- [15] Ahmad Rukaesih, *Kimia Lingkungan*. Jogjakarta: ANDI.
- [16] Apriliani Ade, "Pemanfaatan Arang Ampas Tebu Sebagai Adsorben Ion Logam Cd, Cr, Cu dan Pb dalam Air Limbah," Kimia UIN Jakarta, Jakarta, Skripsi 2010.
- [17] Maria P Christina, "Petunjuk Praktikum Instrumentasi Kimia "Analisis Kesalahan Dalam Spektrofometri Serapan Atom", " Yogyakarta, 2006.
- [18] "Pengujian Toksisitas Suatu Air Limbah atau Zat Polutan dengan Menggunakan Galur Lemna," Laboratorium Analitik Balai Teknologi Lingkungan (BPPT),.
- [19] Ita Ulfin, M.Si, "Materi Kuliah MPP "Resin Penukar Ion", " in *Jurusan Kima FMIPA, ITS*, Surabaya.
- [20] Murni Handayani and Eko Sulistyono, "Uji Persamaan Langmuir dan Freundlich pada Penyerapan Limbah Chrom (VI) oleh Zeolit," Juni 2009.
- [21] Foil A Miller and Charles H Wilkins, *Infrared Spectra and Characteristic Frequencies of Inorganic Ions.*: Department of Research in chemical Physics, Mellon Institute, Pittsburgh 13, Pa, 1952, vol. 24.
- [22] Standar Nasional Indonesia, *Air dan Limbah - bagian 72: Cara Uji Kebutuhan Oksigen Biokimia (Biochemical Oxygen Demand/BOD).*: Badan Standarisasi Nasional.
- [23] Standar Nasional Indonesia, *Air dan Air Limbah - Bagian 2: Cara Uji Kebutuhan Oksigen Kimiawi (Chemical Oxygen Demand, COD) dengan refluks tertutup secara Spektrofotometri.*: Badan Standar Nasional, 2009.
- [24] Standar Nasional Indonesia, *Air dan aii limbah- Bagian 3: Cara Uji Padatan Tersuspensi Total (Total Suspensi Solid, TSS) secara Gravimetri.*: Badan standarisasi Nasional, 2004.
- [25] Inventor Tengah Pj, "Batas Maksimum Krom Heksavalen (Cr-VI)," 2004.
- [26] R.A Day and A.L Underwood, *Analisis Kimia Kuantitatif edisi Keenam*. Jakarta: Erlangga.
- [27] "Introduction to Fourier Transform Infrared Spectroscopy," 2001.

- [28] M D Henderson and H S Gutowsky, "A Nuclear Magnetic Resonance Determination of The Hydrogen Position in $\text{Ca}(\text{OH})_2$," *Mineralogist* 47, American, 1962.
- [29] Afiyan Kristiono, Abdulloh , and Alfa Akustia Widati, "Aktivasi Katalitik Dolomit Sebagai Katalis Heterogen Dalam Produksi Biodiesel Dari Minyak Jarak Pagar," *Komunikasi Kimika*, vol. 1, p. 19, Januari 2015. [Online]. <http://kimia.fst.unair.ac.id/jurnal>
- [30] Endro Kismolo and dkk, "Pengolahan Limbah Khrom Residu Proses Recovery Khrom Menggunakan Kalsium Karbonat," p. 153, Juni 2002.
- [31] Mio Takashi, "Adsorption of Trivalent Chromium in Aqueous Solution Using Natural Zeolite," Departement of Internasional development Engineering, Tokyo Institute of Technology, Tokyo, Thesis 2008.
- [32] A.S Povarennykh, "The Use of Infrared Spectra for the Determination of Minerals," Institute of Geochemistry and Physics of Minerals, 1978.
- [33] wlozdzimierz Mozgawa, Magdalena KROL, and Katarzyna BARCZYK, "FT-IR Studies of Zeolite from Different Stuctural Groups," Faculty of Materials Science and Ceramics, AGH University of Science and Technology, Krakow, 2011.
- [34] Dian Kresnadipayana, Sutarno , and Masykuri Mohammad, "Adsorpsi Logam Cr(VI) pada Limbah Cair Batik dengan Zeolit Alam Teraktivasi," vol. 7, pp. 31-37, Maret 2014.



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