DAFTAR PUSTAKA

Ahmad, W. A., Wan Ahmad, W. H., Karim, N. A., Santhana Raj, A. S., & Zakaria, Z. A. (2013). Cr(VI) reduction in naturally rich growth medium and sugarcane bagasse by *Acinetobacter haemolyticus*. *International Biodeterioration and Biodegradation*, *85*, 571–576. http://doi.org/10.1016/j.ibiod.2013.01.008

Aningrum, S. (2006). *Optimalisasi Jerapan Kromium Trivalen oleh Zeolit Lampung dengan Metode Lapik Tetap dan Perlakuan Kromium Limbah Penyamakan Kulit.* (Skripsi). Departemen Kimia FMIPA Institut Pertanian Bogor, Bogor. [online].http://repository.ipb.ac.id/handle/123456789/46275

Appenroth, K. J., Bischoff, M., Gabryś, H., Stoeckel, J., Swartz, H. M., Walczak, T., & Winnefeld, K. (2000). Kinetics of chromium(V) formation and reduction in fronds of the duckweed Spirodela polyrhiza — a low frequency EPR study. *Journal of Inorganic Biochemistry*, *78*, 235–242. http://doi.org/10.1016/S0162-0134(00)00018-0.

BPPT. (2002). *Pedoman Teknis Pengelolaan Limbah Cair Industri Kecil*. Jakarta : Kementrian Lingkungan Hidup.

Benazir, J. F., Suganthi, R., Rajvel, D., Pooja, M. P., & Mathithumilan, B. (2010). Bioremediation of chromium in tannery effluent by microbial consortia. *African Journal of Biotechnology*, *9*(21), 3140–3143

Cervantes, C., Campos-Garc, J., Devars, S., Gutierrez-Corona, F., Loza-Tavera, H., Torres-Guzman, J. C., & Moreno-Sanchez, R. (2001). Interactions of chromium with microorganisms and plants. *FEMS Microbiology Reviews*, *25*(3), 335–347. http://doi.org/10.1016/S0168-6445(01)00057-2

Chandra, P., & Singh, D. P. (2014). Removal of Cr (VI) by a halotolerant bacterium *Halomona*s sp . CSB 5 isolated from sāmbhar salt lake Rajastha (India). *Cell. Mol. Biol*, *60*(5), 64–72.

Cheung, K. H., Lai, H. Y., & Gu, J.-D. (2006). Membrane-associated hexavalent chromium reductase of *Bacillus megaterium* TKW3 with induced expression. *Journal of Microbiology and Biotechnology*, *16*(6), 855–862. Retrieved from http://cat.inist.fr/?aModele=afficheN&cpsidt=17872042.

Costa, M. (2003). Potential hazards of hexavalent chromate in our drinking water. *Toxicology and Applied Pharmacology*, *188*(1), 1–5. http://doi.org/10.1016/S0041-008X(03)00011-5.

Costa, M., & Klein, C. B. (2006). Toxicity and Carcinogenicity of Chromium Compounds in Humans. *Critical Reviews in Toxicology*, *3*, 155–163. http://doi.org/10.1080/10408440500534032.

Das, A. P. (2009). *Bioreduction Based Bioremidiation Of Hexavalent Chromium Cr (VI) Through Potential Indigenous Microbes*. Tesis pada Department of Chemical Engineering National Institute Of Technology.

Dogan, N. M., Kantar, C., Gulcan, S., Dodge, C. J., Yilmaz, B. C., & Mazmanci, M. A. (2011). Chromium (VI) Bioremoval by *Pseudomonas* Bacteria : Role of Microbial Exudates for Natural Attenuation and Biotreatment of Cr (VI) Contamination, (Vi), 2278–2285.

Ge, S., Dong, X., Zhou, J., & Ge, S. (2013). Comparative evaluations on bio-treatment of hexavalent chromate by resting cells of *Pseudochrobactrum* sp . and Proteus sp . in wastewater. *Journal of Environmental Management*, *126*, 7–12. http://doi.org/10.1016/j.jenvman.2013.04.011

Geraldine, J., Mala, S., Sujatha, D., & Rose, C. (2014). *Bacillus methylotrophicus* for chromium bioremediation. *Microbiological Research*, 1–7. http://doi.org/10.1016/j.micres.2014.06.001.

Hardiani, H., Kardiansyah, T., & Sugesty, S. (2011). Bioremediasi Logam Timbal (Pb) Dalam Tanah Terkontaminasi Limbah Sludge Industri Kertas. *Jurnal Selulosa*, *1*(1), 31–41.

Holt, John G. (Ed). (1994). *Bergey's Manual Of Determinative Bacteriology 9th Edition.* Philadelphia: Lippincott Williams & Wilkins.

Hora, A., & Shetty, V. K. (2015). Partial Purification and Characterization of Chromate Reductase of a Novel *Ochrobactrum* sp. Strain Cr-B4. *Preparative Biochemistry and Biotechnology*, *45*(8), 769–784. http://doi.org/10.1080/10826068.2014.952385

Jawetz, E. A dan Adelberg E. A. (1996). *Mikrobiologi Klinik*. Jakarta : Penerbit Buku Kedokteran EGC.

Joko, T. (2003). Penurunan Kromium (Cr) dalam Limbah Cair Proses Penyamakan Kulit Menggunakan Senyawa Alkali $Ca(OH)_2$, NaOH, dan $NaHCO_3$ (Studi Kasus di Pt Trimulyo Kencana Mas Semarang*). J Kesehat Lingkungan* [Online], *Vol.2, No.2, Oktober 2003.*

Lasindrang, M. (2014). Adsorpsi pencemaran limbah cair industri penyamakan kulit oleh kitosan yang melapisi arang aktif tempurung kelapa. *J. Teknosains*, *3*(2), 132–141.

Malatova, K. (2005). Isolation and Characterization of Hydrocarbon Degrading Bacteria From Environmental Habitats in Hydrocarbon Degrading Bacteria From Environmental Habitats in. *Rochester Institute of Technology*, 97. Retrieved from ISSN 1459-2045.

Masood, F., & Malik, A. (2011). Hexavalent Chromium Reduction by *Bacillus* sp. Strain FM1 Isolated from Heavy-Metal Contaminated Soil. *Bull Environ Contam Toxicol*, *86*, 114–119. http://doi.org/10.1007/s00128-010-0181-z

Mclean, J., & Beveridge, T. J. (2001). Chromate Reduction by a *Pseudomonad* Isolated from a Site Contaminated with Chromated Copper Arsenate. *Applied and Environmental Microbiology*, *67*(3), 1076–1084. http://doi.org/10.1128/AEM.67.3.1076-1084.2001

Morais, P. V., Branco, R., & Francisco, R. (2011). Chromium resistance strategies and toxicity: what makes *Ochrobactrum tritici* 5bvl1 a strain highly resistant. *BioMetals*, *24*(3), 401–410. http://doi.org/10.1007/s10534-011-9446-1

Ozturk, S., Kaya, T., Aslim, B., & Tan, S. (2012). Removal and reduction of chromium by *Pseudomonas* spp. and their correlation to rhamnolipid production. *Journal of Hazardous Materials*, *231-232*, 64–69. http://doi.org/10.1016/j.jhazmat.2012.06.038

Panda, J., & Sarkar, P. (2012). Bioremediation of chromium by novel strains *Enterobacter aerogenes* T2 and *Acinetobacter* sp. PD 12 S2. *Environmental Science and Pollution Research*, *19*(5), 1809–1817. http://doi.org/10.1007/s11356-011-0702-2.

Siring-Ringo, E. (2012). *Menggunakan Metode Elektrokoagulasi Pada Pengolahan Limbah Industri Penyamakan Kulit Menggunakan Alumunium Sebagai Sacrificial Elektrode*. (Skripsi). Departemen Kimia FPMIPA Universitas Pendidikan Indonesia, Bandung.

Soemantojo, R. W., Wulan, P. P. D. K., & Yulianti. (2008). *Presipitasi Bertahap Logam Berat Limbah Cair Industri Pelapisan Logam Menggunakan Larutan Kaustik Soda*. [Online].http://www.scribd.com/doc/45814678/Presipitasi-Bertahap-Logam-Berat [01/07/2016]

Softwana, R. (2001). *Daya Peminyakan Beberapa Kombinasi Telur Ayam dan Minyak Kelapa Sawit terhadap Kulit Biawak Samak Krom Awet Garam*. Skripsi pada Fakultas Peternakan IPB Bogor: tidak diterbitkan. [Online].http://repository.ipb.ac.id/bitstream/handle/123456789/13500/D01rso.pdf?sequence=1. [13/07/2016].

Thatoi, H., Das, S., Mishra, J., & Prasad, B. (2014). Bacterial chromate reductase , a potential enzyme for bioremediation of hexavalent chromium : A review. *Journal of Environmental Management*, *146*, 383–399. http://doi.org/10.1016/j.jenvman.2014.07.014

Ugochukwu, K. C., Agha, N. C., & Ogbulie, J. N. (2008). Lipase activities of microbial isolates from soil contaminated with crude oil after bioremediation. *African Journal of Biotechnology*, *7*(16), 2881–2884. Retrieved from http://www.scopus.com/inward/record.url?eid=2-s2.0-50949094689&partnerID=tZOtx3y1

Widayatno, Tri dan Sriyani (2008). "Pengolahan Limbah Cair Industri Tapioka dengan Menggunakan Metode Elektroflokulasi". *Prosiding Seminar Nasional Teknoin 2008 Bidang Teknik Kimia dan Tekstil*, Universitas Muhammadiyah Surakarta.

Wongsa, P., Tanaka, M., Ueno, A., Hasanuzzaman, M., Yumoto, I., & Okuyama, H. (2004). Isolation and Characterization of Novel Strains of *Pseudomonas aeruginosa* and *Serratia marcescens* Possessing High Efficiency to Degrade Gasoline , Kerosene , Diesel Oil , and Lubricating Oil. *Current Microbiology*, *49*, 415–422. http://doi.org/10.1007/s00284-004-4347-y

Xu, X.-R., Li, H.-B., Li, X.-Y., & Gu, J.-D. (2004). Reduction of hexavalent chromium by ascorbic acid in aqueous solutions. *Chemosphere*, *57*(7), 609–613. http://doi.org/10.1016/j.chemosphere.2004.07.031

Zheng, Z., Li, Y., Zhang, X., Liu, P., Ren, J., Wu, G., … Li, X. (2015). International Biodeterioration & Biodegradation A *Bacillus subtilis* strain can reduce hexavalent chromium to trivalent and an nfrA gene is involved. *International Biodeterioration & Biodegradation*, *97*, 90–96. http://doi.org/10.1016/j.ibiod.2014.10.017