



DAFTAR PUSTAKA

- Atkins, P.W., 1999. *Kimia Fisika*, Edisi 4, (diterjemahkan oleh: Indarto Purnomo), Erlangga, Jakarta.
- Britton, L.N., 1998. Surfactants and The Environment, *Journal of Surfactants and Detergents*, **1**(1): 109–117.
- Buchner, R., Raut, S., dan Flühler, H., 2015. Sodium Dodecyl Benzene Sulfonate Adsorption on Loess Soil in Relation to Soil Properties and Surfactant Structure, *Journal of Environmental Quality*, **44**(4): 1103–1111.
- Chang, R., 2005. *Kimia Dasar*, Edisi 3, Erlangga, Jakarta.
- Desai, J.D., dan Desai, A.J., 1993. Production of Biosurfactant. In: *Biosurfactact Production, Propeties, Applicaation*, Kosaric (ed), 121–139, Dekker Inc., New York.
- Douglas, C.G., 2001. *Fisika Jilid I*, (diterjemahkan oleh Yuhliza Hanum), Erlangga, Jakarta.
- Gelder, E. A., Jackson, S. D., dan Lok, C. M., 2005. The Hydrogenation of Nitrobenzene to Aniline: A New Mechanism, *Chemical Communications*, **4**: 522–524.
- He, C., Yin, P., Mitchell, L. A., Parrish, D. A., dan Shreeve, J. M., 2016. Energetic Aminated-azole Assemblies from Intramolecular and Intermolecular N-HO and N-HN Hydrogen Bonds, *Chemical Communications* (Cambridge, England), **52**: 8123–8126.
- Huang, J., Cao, J., Tu, N., Dong, H., Li, J., Shou, J., dan Li, Y., 2019. Effect of Surfactants on The Removal of Nitrobenzene by Fe-Bearing Montmorillonite/Fe (II), *Journal of Colloid and Interface Science*, **533**: 409–415.
- Hui, Y.H., 1996. *Bailey's Industrial Oil and Fat Product*, Edisi V, **2**: 14–21, John Wiley & Sons Inc., New York.
- Joncour, R., Ferreira, A., Duguet, N., dan Lemaire, M., 2018. Preparation of para-Aminophenol from Nitrobenzene through Bamberg Rearrangement Using a Mixture of Heterogeneous and Homogeneous Acid Catalysts, *Organic Process Research & Development*, **22**(3), 312–320.
- Kamm, O., 1941. b-PHENYLHYDROXYLAMINE, *Organic Syntheses*, **4**: 57.
- Kamm, O., 2003. β -Phenylhydroxylamine, *Organic Syntheses*, **4**: 21. <https://doi.org/10.1002/0471264180.os004.21>.
- Kemenkes, 2022. Kemenkes Terus Berupaya Mencapai Ketahanan Farmasi Nasional untuk Parasetamol, <https://farmalkes.kemkes.go.id/2022/12/kemenkes-terus-berupaya-mencapai-ketahanan-farmasi-nasional-untuk-parasetamol/>, 10 Januari 2023.
- Kemenperin, 2020. Pemerintah Dorong Investasi Bahan Baku Farmasi, <https://kemenperin.go.id/artikel/21496/Pemerintah-Dorong-Investasi-Bahan-Baku-Farmasi>, 10 Januari 2023.
- Laemmli, U. K., 1970. Cleavage of Structural Proteins During the Assembly of The Head of Bacteriophage T4, *Nature*, **227**(5259): 680–685.



- Lesdantina, D., dan Istikomah, 2009. Pemurnian NaCl dengan Menggunakan Natrium Karbonat, Tugas Akhir, Fakultas Teknik, Universitas Diponegoro, Semarang.
- Li, L., Marolla, T.V., Nadeau, L.J., dan Spain, J.C., 2007. Probing the Role of Promoters in Zinc Reduction of Nitrobenzene: Continuous Production of Hydroxylaminobenzene, *Industrial & Engineering Chemistry Research*, **46**(21): 6840–6846, <https://doi.org/10.1021/ie061531k>.
- Maldotti, A., Andreotti, L., Molinari, A., Tollari, S., Penoni, A., dan Cenini, S., 2000. Photochemical and Photocatalytic Reduction of Nitrobenzene in the Presence of Cyclohexene, *J. Photochem. Photobiol. A Chem.*, **133**: 129–133.
- Ma, Z., Hsieh, B.M., dan Xia, Z., 2009. Effects of Surfactants on the Rate of Reactions, *The Journal of Physical Chemistry B*, **10**: 21.
- Masyithah, Z., 2010. Optimasi Sintesis Surfaktan Alkanolamida dari Asam Laurat dengan Dietanolamida dan n-Metil Glukamina secara Enzimatik, Disertasi, Universitas Sumatera Utara, Sumatera Utara.
- Martin, A.J., Swarbrick, dan Cammarata A., 1993. *Farmasi Fisik: Dasar-dasar Farmasi Fisik dalam Ilmu Farmasetik*, Edisi III, (diterjemahkan oleh Yoshita, P.), UI Press, Jakarta.
- Mittal, K.L., 2009. *Surfactants in Solution*, Springer.
- Pubchem a, 2023. Nitrobenzene, <https://pubchem.ncbi.nlm.nih.gov/compound/Nitrobenzene>, 15 Januari 2023.
- Pubchem b, 2023. Ammonium Chloride, <https://pubchem.ncbi.nlm.nih.gov/compound/Ammonium-Chloride>, 15 Januari 2023.
- Pubchem c, 2023. Zinc, <https://pubchem.ncbi.nlm.nih.gov/compound/Zinc>, 15 Januari 2023.
- Pubchem d, 2023. N-Phenylhydroxylamine, <https://pubchem.ncbi.nlm.nih.gov/compound/N-Phenylhydroxylamine>, 15 Januari 2023.
- Pubchem e, 2023. Sodium Dodecyl Sulfate, <https://pubchem.ncbi.nlm.nih.gov/compound/Sodium-dodecyl-sulfate>, 17 Januari 2023.
- Pubchem f, 2023. Sodium Dodecyl Benzenesulfonate, <https://pubchem.ncbi.nlm.nih.gov/compound/Sodium-dodecyl-benzenesulfonate>, 17 Januari 2023.
- Pubchem g, 2023. Aniline, <https://pubchem.ncbi.nlm.nih.gov/compound/aniline>, 4 Agustus 2023.
- Pubchem h, 2023. Nitrosobenzene, <https://pubchem.ncbi.nlm.nih.gov/compound/nitrosobenzene>, 5 Agustus 2023.
- Pubchem i, 2023. Azoxybenzene, <https://pubchem.ncbi.nlm.nih.gov/compound/azoxybenzene>, 5 Agustus 2023.



UNIVERSITAS
GADJAH MADA

Optimasi Surfaktan Sodium Dodecyl Sulfate (SDS) dan Sodium Dodecylbenzene Sulfonate (SDBS)
pada
Sintesis Beta-Fenilhidroksilamina (BPH) dari Nitrobenzena
Muhammad Zaky Mubarok, Dr. apt. Hilda Ismail, M.Si.; apt. Adhyatmika, S.Farm, M.Biotech, Ph.D.
Universitas Gadjah Mada, 2024 | Diunduh dari <http://etd.repository.ugm.ac.id/>

- Rieger, M.M., 1985. Surfactant in Cosmetics, *Surfactant Science Series*, 65 – 74, Marcel Dekker Inc., New York.
- Rosen, M.J., 2004. *Surfactant and Interfacial Phenomena*, Edisi III, John Wiley & Sons Inc., New York.
- Sasanti, W. A., 2023. Pengaruh Penambahan Surfaktan Miglyol 812N dan Triton X-100 dalam Sintesis Beta-Fenilhidroksilamina dari Nitrobenzena, Skripsi, Universitas Gadjah Mada, Yogyakarta.
- Sheats, W., dan Foster, N.C., 1997. Concentrated Products from Methyl Ester Sulfonates, 30–41, *The Chemithon Corporation*, Washington.
- Vogel, A. Israel., dan Furniss, B. S., 1989. *Vogel's Textbook of practical organic chemistry*. Longman Scientific & Technical.
- Yoon, E., Babar, A., Choudhary, M., Kutner, M., dan Pyrsopoulos, N., 2016. Acetaminophen-Induced Hepatotoxicity: A Comprehensive Update, *Journal of Clinical and Translational Hepatology*, 4(2): 131–142, Xia and He Publishing Inc.