

DAFTAR PUSTAKA

- Abdelaziz, Elamin, A.I.M., I.H.M. Gasmelseed, dan G.A. Abdalla, (2014), Extraction, Refining and Characterization of Sudanese Castor Seed Oil, *Journal of Chemical Engineering*, 2 (1), ISSN 2166-4358.
- Anwar, K., (2003), *Willy Wijaya dan Tanaman Jarak. Kompas. (Online)*. (<http://www.kompas.com/kompascetak/0301/06/iptek/06Januari2003.html>), Diakses 18 Maret 2017.
- Catala, A., (2012), *Lipid Peroxidation, Intech Open Science*, Rijeka.
- Chapra, S.C. dan Canale, R.P., (1990), *Numerical Methods for Engineers*, McGraw-Hill International Editions.
- Chinongoza, M., (2008), *Castor Bean Oil for Biodiesel Production*, (<http://ezinearticles.com/Castor-Bean-Oil-ForBiodiesel-Production&id=917729>), Diakses 18 Maret 2017.
- Cronquist, A. (1981). *An Integrated System of Classification of Flowering Plants*. Columbia University Press, New York.
- DelTorchio, K., (2013), *An Overview of algae biofuel research methodology, Algae Biofuels Research Method*, (<https://www.labome.com/method/Algae-Biofuels-Research-Method.html>), Diakses 21 Maret 2017.
- Dutton, J.A., (2017), *Reaction of Biodiesel : Transesterification*, (<https://www.e-education.psu.edu/egee439/node/684>), Diakses 23 Oktober 2017.
- Egan, H., R. S. Kirk, dan R. Sawyer, (1981), *Pearson's Chemical Analysis of Food, 8th Ed*, Longman Group Limited, London.
- Eka, Ahmad dan Haries A.P., (2010), *Pengaruh Konsentrasi Etanol, Suhu dan Jumlah Stage pada Ekstraksi Oleoresin Jahe (Zingiber officinale Rosc) Secara Batch*, Skripsi, Universitas Diponegoro, Semarang.
- Gembong, Tjirosoepomo, (2000), *Morfologi Tumbuhan*, UGM Press, Yogyakarta.
- Hadi, S., (2010), Karakteristik Fisik, Kandungan Minyak Dan Asam Lemak Dari Biji Jarak Pagar (*Jatropha Curcas L.*) Dan Jarak Keyar (*Ricinus Communis L.*), *Jurnal Teknologi Pertanian*, 6(2): 65-70, ISSN 1858-2419.
- Islamia, S., (2015), Efek Pemanasan Terhadap Perubahan Bilangan Peroksida Minyak Goreng yang Berpotensi Karsinogen Pada Pedagang Gorengan Di Kelurahan Pasar Minggu, Skripsi, Universitas Islam Negeri Syarif Hidayatullah, Jakarta.

- Ketaren, (1986), *Pengantar Teknologi Minyak dan Lemak Pangan*, UI Press, Jakarta.
- Ketaren, S., (2003), *Pengantar Teknologi Minyak dan Lemak Pangan Edisi Pertama*, Cetakan I, UI-Press, Jakarta
- Kirk, R. dan Sawyer R., (1991), *Pearson's composition and analysis of foods.9th edition*, Addison Wesley longman ltd., England.
- Kusdianti dan Meirandi, E.R., (2005), *Tinjauan Tentang Bunga Jarak (Ricinus communis Linn.)*, Jurusan Pendidikan Biologi Fakultas Pendidikan Matematika dan Ilmu Pengetahuan Alam, UPI Bandung.
- Kusumaningsih. T, Saryoso. R., (2006), *Bioteknologi 3 (1) : 20-26*, ISSN : 0216 - 6887. Jurusan Kimia FMIPA Universitas Sebelas Maret (UNS) Surakarta 57216.
- Lawson, (2001), *Standar For Fats dan Oils*, AVI Publisihing Company, Wetsport.
- Martsiano, (2014), *Penentuan Bilangan Asam Minyak Atsiri*, (<http://ano.web.id/penentuan-bilangan-asam-minyak-atsiri/>), Diakses 23 Maret 2017.
- Mattjik, A.A., dan Sumertajaya, M., (2000), *Perancangan Percobaan dengan Aplikasi SAS dan Minitab*. Jilid I. IPB Press, Bogor.
- Maulida, D. dan Zulkarnaen, N., (2010), *Ekstraksi Antioksidan (Likopen) dari Buah Tomat dengan Menggunakan Solven Campuran n-Heksana, Aseton dan Etanol*. Skripsi. Universitas Diponegoro, Semarang.
- Mc Keon, T.A., Chen, G.Q., (2003), *Transformation of Ricinus communis, the castor plant*, United States Patent 6,620,986 BI.
- Mgudu, L., E. Muzenda, J. Kabuba dan M. Belaid, (2012), *Microwave – Assisted Extraction of Castor Oil*, International Conference on Nanotechnology and Chemical Engineering.
- Nangbes, J.G., Nvau, J.B., W.M. Buba, dan A.N. Zukdimma, (2013), *Extraction and Characterization of Castor (Ricinus Communis) Seed Oil*, *The International Journal Of Engineering And Science*, 2 (9) : 105-109, ISSN 2319-1805.
- Nielson S.S., 1(994), *Introduction to the Chemical Analysis of Foods*, Chapman and Hall, New York.
- Odoom, W. dan Edusei, V.O., (2015), *Evaluation of Saponification value, Iodine value, and Insoluble impurities in Coconut Oils from Jomoro District in the Western Region of Ghana*, *Asian Journal of Agriculture and Food Sciences*, Vol. 3, ISSN : 2321 – 1571.

- Omari, A., Mgani, Q.A., dan Egid B.M., (2015), Fatty Acid Profile and Physico-Chemical Parameters of Castor Oil in Tanzania, *Green and Sustainable Chemistry*, (5) : 154 - 163.
- Oriah, V.N., I.M. Bugaje, I.U. Mbakuike dan Anya Uzo Anya, (2014), Characterization of Different Varieties of Castor Seed Oil Obtained From Zaria Metropolis, Nigeria, *Journal of Basic and Applied Scientific Research*, 4 (6) : 92 – 94, ISSN 2090-4304.
- Pavia, D.L., Lampman, G.M., Krutz, G.S., dan Engel, R.G., (2006), *Introduction to Organic Laboratory Techniques: A Microscale Approach (4th Ed.)*, Cengage Learning, Brooks/Cole Publishing Co., ISBN 978049-5016-30-4.
- Peterson, D.S., (2005), *Free and Total Acid Values*, (<http://www.pfonline.com/articles/free-and-total-acid-values>), Diakses 23 Maret 2017.
- Salimon, J., Abdullah, B.M., dan Nadia S., (2011), Hydrolysis optimization and characterization study of preparing fatty acids from *Jatropha curcas* seed oil, *Chemistry Central Journal*, 5:67.
- Shimadzu Corporation, (2017), *GCMS - QP2010 SE, Standard Gas Chromatograph - Mass Spectrometer*, (<http://www.shimadzu.com/an/gcms/qp2010se.html>), Diakses 18 Maret 2017.
- Silaban, R., Panggabean, F., Eka I.S., Nurjannah, dan Timotius A.S., 2016, *Analisis Hubungan Antar Parameter Mutu Minyak Industri Oleokimia*, (<http://digilib.unimed.ac.id/885/3/Full%2520Text.pdf>), Diakses 4 April 2017.
- Sinaga, E., (2001), *Ricinus communis Linn. Jarak. (Online)*, (http://iptek.apjii.or.id/artikel/ttg_tanaman_obat/unas/Jarak.pdf), Diakses 18 Maret 2017.
- Sitorus, M., Hutabarat, W., dan Ani S., (2016), *Transformasi Risinoleat Minyak Kastor Menjadi Berbagai Senyawa yang Lebih Bermanfaat*, plantaxia, Yogyakarta.
- Soenardi dan Riyadi S., (2005), *Jarak dan Kegunaannya*, Pusat Penelitian dan Pengembangan Perkebunan, Balai Penelitian Tanaman Tembakau dan Serat, Malang.
- Sujatmaka, 2006, *Minyak Atsiri dan Turunannya*, Penerbit Aksara, Yogyakarta.
- Walpole, R. E., (1982), *Pengantar Statistika. Edisi ke-3*. Terjemahan. PT. Gramedia, Jakarta.

Welch, Holme and Clark Co., (2017), *Castor Oil - Pale Pressed*, (http://www.welch-holme-clark.com/castor_oil_-_pale_pressed_spec_-_veg.html), Diakses 13 Januari 2018.

Wikipedia, (2016), *Ricinus Communis L.*, (<https://en.wikipedia.org/wiki/Ricinus>), Diakses 2 Mei 2017.

Yusuf, A.K., Mamza, P.A.P., A.S. Ahmed, dan U. Agunwa, (2015), Extraction And Characterization of Castor Seed Oil From Wild Ricinus Communis Linn, *International Journal of Science, Environment and Technology*, 4 (5) : 1392 – 1404.

Zuleta, E.C., Baena, L., Luis A.R., dan Jorge A.C., (2012), The oxidative stability of biodiesel and its impact on the deterioration of metallic and polymeric materials : a review, *Journal of the Brazilian Chemical Society*, Vol. 23, No. 12, ISSN 0103 - 5053.

