DAFTAR PUSTAKA

Aini, M.R., 2014. Pola Bahasa pada Penderita Skizofrenia. *Tesis*. Fakultas Ilmu Budaya, Universitas Gadjah Mada, Yogyakarta.

Anonim. 2002. Guidelines for single laboratory validation of chemical methods for dietary supplements and botanicals. *AOAC International* : 1–38.

Anonim. 2005. Validation of Analytical Procedures : Text and Methodology. *International Conference on Harmonization* (ICH): 17.

Anonim. 2013. World Rice Statistics 2013. Los Baflos, the Phillippines: IRRI.

Badawy, A.A. dan Morgan, C.J., 2010. Rapid Isocratic Liquid Chromatographic Separation and Quantification of Tryptophan and Six kynurenine Metabolites in Biological Samples with Ultraviolet and Fluorimetric Detection. *International Journal of Tryptophan* 3 : 175–186.

Chattopadhyay, A., Rukmini, R. dan Mukherjee, S., 1996. Photophysics of a neurotransmitter: ionization and spectroscopic properties of serotonin. *Biophysical journal*, 71(4) : 1952–1960.

Chen, X.Q., Nagao, N., Itani, T., dan Irifune, K., 2012. Anti-oxidative analysis , and identification and quantification of anthocyanin pigments in different coloured rice, *Food Chemistry* 135(4) : 2783–2788.

Draper, G.E.B. dan N.R., 2007. *Response Surfaces , Mixtures , and Ridge Analyses Second Edition*. Canada : Wiley.

Gandjar, I.G., dan Rohman, A., 2007. *Kimia Farmasi Analisis*. Yogyakarta : Pustaka Pelajar.

Giannarelli, S., Muscatello, B., Bogani, P., Spiriti, M.M., Buiatti, M., dan Fuoco, R., 2010. Comparative determination of some phytohormones in wild-type and genetically modified plants by gas chromatography – mass spectrometry and high-performance liquid chromatography – tandem mass spectrometry. *Analytical Biochemistry* 398(1) : 60–68.

Hano, S., Shibuyaa, T., Imotoa, N., Itoa, A., Imanishi, S., Asoa, H., dan Kanayama, Y., 2017. Scientia Horticulturae Serotonin content in fresh and processed tomatoes and its accumulation during fruit development. *Scientia Horticulturae* 214 : 107–113.

Kang, K., Young-Soon, K., Sangkyu, P., dan Kyoungwhan, B., 2009. Senescence-Induced Serotonin Biosynthesis and Its Role in Delaying Senescence in Rice Leaves. *Plant Physiol* 150 : 1380–1393.

Kang, S., Kang, K. dan Lee, K., 2007. Characterization of rice tryptophan decarboxylases and their direct involvement in serotonin biosynthesis in

transgenic rice. *Planta* 227 : 263–272.

Kang, K., Kang, S., Lee, K., Park, M., dan Back, K., 2008. Enzymatic features of serotonin biosynthetic enzymes and serotonin biosynthesis in plants Kiyoon. *Plant Signaling and Behavior* 3(6) : 389–390.

Kushwaha, S., 2016. *Black Rice*. Nepal: Springer.

Miller, J.M., 2005. Chromatography: Concept and Contrasts. John Wiley & Sons.

Montgomery, D.C., 1991. Design and analysis of experiments. Canada : Springer

Muthayya, S., Sugimoto, J.D., Montgomery, S., dan Maberly, G.F., 2014. An overview of global rice production, supply, trade, and consumption. *Annals of the New York Academy of Sciences* 1324(1) : 7–14.

Namera, A., Kawamura, M., Nakamoto, A., Saito, T., dan Nagao, M., 2015. Comprehensive review of the detection methods for synthetic cannabinoids and cathinones. *Forensic Toxicology* 33(2) : 175–194.

Ohashi, H., Iizuka, H., Yoshihara, S., Otani, H., Kume, M., Sadamoto, K., Ichiba, H., dan Fukushima, T., 2013. Determination of l -tryptophan and l -kynurenine in Human Serum by using LC-MS after Derivatization with (R)-DBD-PyNCS. *International Journal of Tryptophan* 6(1) : 9–14.

Pramitasari, R. 2012. Evaluasi Sensoris, Nilai Gizi, dan Sifat Fisik Minuman Berbasis Beras (*Oryza sativa* L.) untuk Orang Lanjut Usia. *Skripsi*. Fakultas Teknologi Pertanian, Universitas Gadjah Mada, Yogyakarta.

Purves, D.A., Fitzpatrick, G.J., Hall, D., Lamantia, W.C., Mcnamara, A.S., Willians, O.J., dan Mark, S., 2004. *Neuroscience*. Sunderland. Massachusetts USA: Sinauer Associates, Inc.

Sa'adah, I.R., Supriyanta, dan Subejo, 2013. Oryza sativa. *Vegetalika* 2(3) : 13–20.

Servillo, L., Giovane, A., Casale, R., Cautela, D., D'Onofrio, N., Balestrieri, M.L., dan Castaldo, D., 2016. Glucosylated forms of serotonin and tryptophan in green coffee beans. *Food Science and Technology* 73 : 117–122.

Setyaningsih, W., Saputro, Irfan E., Carrera, Ceferino A., Palma, M.B., dan Carmelo G. 2016. Multiresponse optimization of a UPLC method for the simultaneous determination of tryptophan and 15 tryptophan-derived compounds using a Box-Behnken design with a desirability function. *Food Chemistry*. http://dx.doi.org/10.1016/j.foodchem.2016.12.034 diakses pada tanggal 20 Desember 2016.

Sutharut, J. dan Sudarat, J., 2012. Total anthocyanin content and antioxidant activity of germinated colored rice. *International Food Research* Journal 19(1) : 215–221.

Synder, L.R. dan Kirkland, J.J., 1979. *Introduction to Modern Liquid*

Chromatography Introduction to Modern Liquid Chromatography Second Edition. Canada: Wiley.

Veenstra-VanderWeele, J., Anderson, G.M., Kim, Y.S., dan Back, K. 2009. Introduction of serotonin biosynthesis system: initial studies and future directions. *Eur. J. Pharmacol* 410: 165-181.

Wardhani, A.K., 2012. Optimasi Degradasi Farbol Ester pada Bungkil Biji Jarak Pagar (*Jatropha curcas* L.) oleh Lipase Kecambah Jarak Pagar *Acetone-Dried* dengan Metode *Response Surface Methodology* dan Kinetika Degradasinya. *Tesis*. Fakultas Teknologi Pertanian, Universitas Gadjah Mada, Yogyakarta.

Whitaker-azmitia, P.M., 1999. The Discovery of Serotonin and its Role in Neuroscience. *Neuropsychopharmacology* : 21(25).

Xiao, R., Beck, O., dan Hjemdahl, P., 1998. On the accurate measurement of serotonin inwhole blood. *Scand. J. Clin. Lab. Invest* 58: 505–510.