

DAFTAR PUSTAKA

- Adu, R.E.Y., 2017, Pengembangan Analisis Boron Secara Spektrofotometri UV-Vis Melalui Modifikasi Sistem Distilasi Ester Borat Ke Dalam Kurkumin, Tesis.
- Altundag, H., and Tuzen, M., 2011, Comparison of Dry, Wet and Microwave Digestion Method For The Multielement Determination In Some Dried Fruit Samples by ICP-OES, *Food Chem. Toxicol.*, 49, 2800-2807.
- Aznarez, J., Ferrer, A., Rabadan, J.M., and Marco, L., 1985, Extractive Spectrophotometric and Fluorimetric Determination of Boron with 2,2,4-Trimethyl-1,3-Pentanediol and Carminic Acid, *Talanta*, 32, (12), 1156-1158.
- Bechlin, M.A., Neto, J.A.G., and Nóbrega, J.A., 2013, Evaluation of Lines of Boron, Phosphorus and Sulfur by High-Resolution Continuum Source Flame Atomic Absorption Spectrometry for Plant Analysis, *J. Microc.*, 109, 134-138.
- Cahyadi, W., 2008, *Analisa dan Aspek Kesehatan Bahan Tambahan Pangan*, Bumi Aksara, Jakarta.
- Choi, M.K., and Jun, Y.S., 2008, Analysis of Boron Content in Frequently Consumed Food in Korea, *Biol. Trace Elem. Res.*, 126, 13-26.
- Dyrssen, D.W., Novikov, Y.P., and Uppstrom, L.R., 1972, Studies on The Chemistry of The Determination of Boron With Curcumin, *Anal. Chim. Acta*, 60, 139-151.
- Harmita, 2004, Petunjuk Pelaksanaan Validasi Metode dan Cara Perhitungannya, *Majalah Ilmu Kefarmasian*, 1, (3), 117-135.
- Harris, D.C., 2007, *Quantitative Chemical Analysis Seventh Edition*, W.H Freeman and Company, New York.
- Hayes, M.R., and Metcalfe, J., 1962, The Boron-Curcumin Complex in The Determination of Trace Amounts of Boron, *Analyst*, 87 (1041), 956-969.
- Ince, S., Kucukkurt, I., Cigerci, I.H., Fidan, A.F., and Eryavuz, A., 2010, The Effects of Dietary Boric Acid and Borax Supplementation on Lipid Peroxidation, Antioxidant Activity, and DNA Damage in Rats, *J. Trace Elem. Med. Biol.*, 24, 161-164.
- Jun, Z., Oshima M., and Motomizu S., 1988, Determination of Boron With Chromotropic Acid by High-Performance Liquid Chromatography, *Analyst*, 113, 1631-1634.
- Kabay, N., Marek B., and Nidal H., 2015, *Boron Separation Processes*, Elsevier, USA.

- Kochkodan, V., Nawaf B.D. and Nidal H., 2015, The Chemistry of Boron in Water, Centre for Water Advanced Technologies and Enviromental Research (CWATER), College of Engineering, Swansea University, SA2 8PP, UK.
- Konijnendijk, W.L., 1975, *The Structure of Borosilicate Glass*, Eindhoven, Netherlands.
- Krejčova, A., and Černohorsky, T., 2003, The Determination of Boron in Tea and Coffee by ICP–AES Method, *Food Chem.*, 82, 303-308.
- Larson, D., 2015, *Clinical Chemistry: Fundamentals and Laboratory Techniques*, Elsevier Health Science, Amsterdam.
- Liu, Y.M., and Lee, K., 2009, Modifications of The Curcumin Method Enabling Precise and Accurate Measurement of Seawater Boron Concentration, *Mar. Chem.*, 115, 110-117.
- Mair, J.W., and Day, H.G., 1972, Curcumin Method for Spectrophotometric Determination of Boron Extracted from Radiofrequency Ashed Animal Tissues Using 2- Ethyl-1,3-Hexanedio1, *Anal. Chem.*, 44, 2015-2017.
- Mather, J.P., and Roberts, P.E., 2007, *Introduction to Cell and Tissue Culture: Theory and Technique*, Springer Science & Business Media, Berlin.
- Mizura, S.S., Tee E.S., and Ooi H.E., 1991, Determination of Boric Acid in Food: Comparative Study of Three Methods, *J. Sci. Food Agric.*, 55, 261-268.
- Nowka, R., Eichardt, K., and Welz B., 2000, Investigation of Chemical Modifiers for The Determination of Boron by Electrothermal Atomic Absorption Spectrometry, *Spectrochim. Acta, Part B*, 55, 517-524.
- Ozbek, N., and Akman, S., 2015, Determination of Boron in Turkish Wines by Microwave Plasma Atomicemission Spectrometry, *Food Sci. Technol.*, 61, 532-535.
- Rao, R.M., and Aggarwal, S.K., 2008, Determination of Boron at Sub-ppm Levels in Uranium Oxide and Alumunium by Hyphenated System of Complex Formation Reaction and High-Performance Liquid Chromatography (HPLC), *Talanta*, 75, 585-588.
- Sah, R. N., and Brown, P. H., 1997, Boron Determination-A Review Analytical Method, *Microchem J.*, 56, 285-304.
- Saparinto, C., dan Hidayati, D., 2006, *Bahan Tambahan Pangan*, Penerbit Kanisius, Yogyakarta.
- Shim, S.M., Seo, S.H., Lee, Y., Moon, G.M., Kim, M.S., and Park, J.H., 2011, Consumers' Knowledge and Safety Perceptions of Food Additives: Evaluation on The Effectiveness of Transmitting Information on Preservatives, *Food control*, 22, 1054-1060.
- Şimşek, A., Korkmaz, D., Velioğlu, Y.S., and Ataman, O.Y., 2003, Determination of Boron in Hazelnut (*Corylus avellana* L.) Varieties by Inductively

Coupled Plasma Optical Emission Spectrometry and Spectrophotometry, *Food Chem.*, 83, 293-296.

Svehla, G., 1979, *Vogel's Textbook Of Macro and Semimicro Qualitative Inorganic Analysis*, 5th Ed., Longman Inc., New York.

Szabo, A.S., and Golightly, D.W., 1995, Determination of Boron in Liquid Nutritional Foods by ICP-AES, *J. Food Compost. Anal.*, 8, 220-231.

Thangavel, S., Dhavile, S.M., Dash, K., and Chaurasia, S.C., 2004, Spectrophotometric Determination of Boron in Complex Matrices by Isothermal Distillation of Borate Ester into Curcumin, *Anal. Chim. Acta*, 502, 265-270.

Thiel, G., and Danzer, K., 1997, Direct Analysis of Mineral Components in Wine by Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES), *J. Anal. Chem.*, 357, 553-557.

Weger, S.J., Hossner L.R., and Ferrara L.W., 1969, Determination of Boron in Fertilizers by Atomic Absorption Spectrophotometry, *J. Agr. Food Chem.*, 1276-1278.

Weir, R.J., and Fisher, R.S., 1972, Toxicologic Studies on Borax and Boric Acid, *Toxicol. Appl. Pharmacol.*, 23, 351-364.

Zaijun, L., Zhengwei, C., and Jian, T., 2006, The Determination of Boron in Food and Seed by Spectrophotometry Using a New Reagent 3,4-Dihydroxyazomethine-H, *Food Chem.*, 94, 310-314.