

## REFERENCE

- Akman, S., Demirata-Ozturk, B., and Tokman, N., 2007. Chapter 17 - Atomic Absorption Spectroscopy, dalam: Picó, Y. (Editor), *Food Toxicants Analysis*. Elsevier, Amsterdam, hal. 637–665.
- Anggraini, T., 2017. *Proses Dan Manfaat Teh*. Erka, Padang.
- Anonym, 2018. 'Tea Export Import | Indonesia Tea Board', . URL: <http://indonesiateaboard.org/exim/> (accessed at 26/11/2021).
- Anonym, 2021a. 'Indonesia: production of tea 2020', *Statista*. URL: <https://www.statista.com/statistics/707009/production-of-tea-in-indonesia/> (accessed at 26/11/2021).
- Anonym, 2021b. 'Global tea market revenue 2012-2025', *Statista*. URL: <https://www.statista.com/statistics/326384/global-tea-beverage-market-size/> (accessed at 26/11/2021).
- AOAC, I., 2012. *Guidelines for Dietary Supplements and Botanicals*.
- Appel, L.J., 2013. Potassium, dalam: Caballero, B. (Editor), *Encyclopedia of Human Nutrition (Third Edition)*. Academic Press, Waltham, hal. 52–55.
- Avila, D.S., Gubert, P., Roos, D.H., Puntel, R., and Aschner, M., 2016. Manganese, dalam: Caballero, B., Finglas, P.M., dan Toldrá, F. (Editor), *Encyclopedia of Food and Health*. Academic Press, Oxford, pp. 637–640.
- Bashir, A., Sajid, M., Hamid, F.S., Waheed, A., Bashir, M., Shah, H., et al., 2021. Comparative Study of Mineral Content in Different Varieties of Green Tea: Minerals in Different Green Tea. *Biological Sciences-PJSIR*, **64**: 256–262.
- Bost, M., Houdart, S., Oberli, M., Kalonji, E., Huneau, J.-F., and Margaritis, I., 2016. Dietary copper and human health: Current evidence and unresolved issues. *Journal of Trace Elements in Medicine and Biology*, **35**: 107–115.
- Butcher, D.J., 2005. ATOMIC ABSORPTION SPECTROMETRY | Interferences and Background Correction, dalam: Worsfold, P., Townshend, A., dan Poole, C. (Editor), *Encyclopedia of Analytical Science (Second Edition)*. Elsevier, Oxford, pp. 157–163.
- Cormick, G. and Belizán, J.M., 2019. Calcium Intake and Health. *Nutrients*, **11**: 1606.
- Del Valle, H.B., Yaktine, A.L., Taylor, C.L., and Ross, A.C., 2011. Dietary reference intakes for calcium and vitamin D.
- Directorate of Food Crops, Horticulture, and Estate Crops Statistics, 2021. *Statistik Teh Indonesia 2020*. Badan Pusat Statistik, Jakarta.
- Drake, T.M. and Gupta, V., 2021. Calcium, in: *StatPearls*. StatPearls Publishing, Treasure Island (FL).
- 'Effects of Air-Acetylene Flame Parameters on Simultaneous Multielement Atomic Absorption Spectrometry - James M. Harnly, Jean S. Kane, Nancy J. Miller-Ihli, 1982', , n.d. URL: <https://journals.sagepub.com/doi/abs/10.1366/0003702824639169?journalCode=aspc> (accessed at 22/6/2022).
- EFSA Panel on Dietetic Products, Nutrition and Allergies (NDA), 2015. Scientific Opinion on Dietary Reference Values for copper. *EFSA Journal*, **13**: 4253.
- Ermer, J. and Miller, J.H.M., 2006. *Method Validation in Pharmaceutical Analysis: A Guide to Best Practice*. John Wiley & Sons.

- Fageria, N.K. and Zimmermann, F.J.P., 1998. Influence of pH on growth and nutrient uptake by crop species in an Oxisol. *Communications in Soil Science and Plant Analysis*, **29**: 2675–2682.
- FDC, 2018. 'FoodData Central', . URL: <https://fdc.nal.usda.gov/fdc-app.html#/?query=tea> (accessed at 27/11/2021).
- Fitzpatrick, D. and Glennon, J.D., 2021. Atomic Spectrometric Techniques, dalam: McSweeney, P.L.H. dan McNamara, J.P. (Editor), *Encyclopedia of Dairy Sciences (Third Edition)*. Academic Press, Oxford, pp. 309–313.
- Gad, S.C., 2014. Potassium, in: Wexler, P. (Editor), *Encyclopedia of Toxicology (Third Edition)*. Academic Press, Oxford, pp. 1051–1052.
- Gandjar, I.G. and Rohman, A., 2007. Kimia farmasi analisis. *Yogyakarta: Pustaka Pelajar*, **224**: 228.
- Global Business Guide Indonesia, 2016. 'Indonesia Tea Industry | GBG', . URL: [http://www.gbgingonesia.com/en/agriculture/article/2016/indonesia\\_s\\_tea\\_in\\_dustry\\_bitter\\_supply\\_amid\\_sweet\\_demand\\_11676.php](http://www.gbgingonesia.com/en/agriculture/article/2016/indonesia_s_tea_in_dustry_bitter_supply_amid_sweet_demand_11676.php) (diakses tanggal 27/11/2021).
- González, A.G. and Herrador, M.Á., 2007. A practical guide to analytical method validation, including measurement uncertainty and accuracy profiles. *TrAC Trends in Analytical Chemistry*, **26**: 227–238.
- Harmita, H., 2004. Petunjuk pelaksanaan validasi metode dan Cara Perhitungannya. *Majalah Ilmu Kefarmasian*, **1**: 1.
- Hill, S.J. and Fisher, A.S., 2017. Atomic Absorption, Methods and Instrumentation, dalam: Lindon, J.C., Tranter, G.E., dan Koppenaal, D.W. (Editor), *Encyclopedia of Spectroscopy and Spectrometry (Third Edition)*. Academic Press, Oxford, pp. 37–43.
- Institute of Medicine, 1998. *Dietary Reference Intakes for Thiamin, Riboflavin, Niacin, Vitamin B6, Folate, Vitamin B12, Pantothenic Acid, Biotin, and Choline*, The National Academies Collection: Reports funded by National Institutes of Health. National Academies Press (US), Washington (DC).
- International Conference on Harmonization, 2005. *Validation of Analytical Procedures: Text and Methodology Q2(R1)*. International Conference on Harmonization, USA.
- Kartesz, J.T., 2014. 'USDA Plants Database', . URL: <https://plants.usda.gov/home/plantProfile?symbol=CASI16> (accessed at 27/11/2021).
- KC, S., Liu, M., Zhang, Q., Fan, K., Shi, Y., and Ruan, J., 2018. Metabolic Changes of Amino Acids and Flavonoids in Tea Plants in Response to Inorganic Phosphate Limitation. *International Journal of Molecular Sciences*, **19**: 3683.
- Keen, C.L. and Zidenberg-Cherr, S., 2003. MANGANESE, in: Caballero, B. (Editor), *Encyclopedia of Food Sciences and Nutrition (Second Edition)*. Academic Press, Oxford, pp. 3686–3691.
- Khan, N. and Mukhtar, H., 2018. Tea Polyphenols in Promotion of Human Health. *Nutrients*, **11**: 39.
- Körner, C., 1989. The nutritional status of plants from high altitudes : A worldwide comparison. *Oecologia*, **81**: 379–391.
- Leyton, L., 1954. Phosphate interference in the flame-photometric determination of calcium. *Analyst*, **79**: 497–500.

- L'vov, B.V., 1999. A continuum source vs. line source on the way toward absolute graphite furnace atomic absorption spectrometry. *Spectrochimica Acta Part B: Atomic Spectroscopy*, **54**: 1637–1646.
- Magnusson, B. and Örnemark, U. (Editor), 2014. *The Fitness for Purpose of Analytical Methods*, 2nd Edition. ed.
- Mamuaja, C.F., 2016. *Pengawasan Mutu Dan Keamanan Pangan*. Unsrat Press.
- Martínez-Ballesta, M.C., Dominguez-Perles, R., Moreno, D.A., Muries, B., Alcaraz-López, C., Bastías, E., et al., 2010. Minerals in plant food: effect of agricultural practices and role in human health. A review. *Agronomy for sustainable development*, **30**: 295–309.
- Matusiewicz, H., 2003. Wet digestion methods. *Comprehensive Analytical Chemistry*, **41**: 193–233.
- Miller, J. and Miller, J.C., 2018. *Statistics and Chemometrics for Analytical Chemistry*. Pearson education.
- Moldovan, M., 2019. Atomic Absorption Spectrometry—Flame☆, in: Worsfold, P., Poole, C., Townshend, A., dan Miró, M. (Editor), *Encyclopedia of Analytical Science (Third Edition)*. Academic Press, Oxford, pp. 129–136.
- Monder, C. and Sells, N., 1967. Influence of acids on the determination of calcium and magnesium by atomic absorption spectrophotometry. *Analytical Biochemistry*, **20**: 215–223.
- Mulyaningsih, T.R., 2015. Analisis Kandungan Unsur Esensial dan Toksik dalam Teh dan Air Seduhannya dengan Aktivasi Neutron. *JURNAL TEKNOLOGI REAKTOR NUKLIR TRI DASA MEGA*, **13**: .
- Pum, J., 2019. Chapter Six - A practical guide to validation and verification of analytical methods in the clinical laboratory, dalam: Makowski, G.S. (Editor), *Advances in Clinical Chemistry*. Elsevier, pp. 215–281.
- Rashid, Md.H., Fardous, Z., Chowdhury, M.A.Z., Alam, Md.K., Bari, Md.L., Moniruzzaman, M., et al., 2016. Determination of heavy metals in the soils of tea plantations and in fresh and processed tea leaves: an evaluation of six digestion methods. *Chemistry Central Journal*, **10**: 7.
- Resano, M., Flórez, M.R., and García-Ruiz, E., 2013. High-resolution continuum source atomic absorption spectrometry for the simultaneous or sequential monitoring of multiple lines. A critical review of current possibilities. *Spectrochimica Acta Part B: Atomic Spectroscopy*, **88**: 85–97.
- Schober, P., Boer, C., and Schwarte, L.A., 2018. Correlation Coefficients: Appropriate Use and Interpretation. *Anesthesia & Analgesia*, **126**: 1763–1768.
- SciMed, 2021. 'what is atomic absorption spectroscopy aas | SciMed', . URL: <https://www.scimed.co.uk/education/what-is-atomic-absorption-spectroscopy-aas/> (accessed at 29/11/2021).
- Shabbir, Z., Sardar, A., Shabbir, A., Abbas, G., Shamshad, S., Khalid, S., et al., 2020. Copper uptake, essentiality, toxicity, detoxification and risk assessment in soil-plant environment. *Chemosphere*, **259**: 127436.
- Street, R., Szakova, J., Drabek, O., and Mladkova, L., 2006. The status of micronutrients (Cu, Fe, Mn, Zn) in tea and tea infusions in selected samples imported to the Czech Republic. *Czech Journal of Food Sciences*, **24**: 62.
- Twyman, R.M., 2005. SAMPLE DISSOLUTION FOR ELEMENTAL ANALYSIS | Wet Digestion, dalam: Worsfold, P., Townshend, A., dan Poole, C. (Editor),

- Encyclopedia of Analytical Science (Second Edition)*. Elsevier, Oxford, pp. 146–153.
- Uauy, R., Olivares, M., dan Gonzalez, M., 1998. Essentiality of copper in humans. *The American Journal of Clinical Nutrition*, **67**: 952S-959S.
- Welch, M.W., Hamar, D.W., and Fettman, M.J., 1990. Method comparison for calcium determination by flame atomic absorption spectrophotometry in the presence of phosphate. *Clinical Chemistry*, **36**: 351–354.
- WU, S., Feng, X., dan WITTMEIER, A., 1997. Microwave Digestion of Plant and Grain Reference Materials in Nitric Acid or a Mixture of Nitric Acid or a Mixture of Nitric Acid and Hydrogen Peroxide for the Determination of Multi-elements by Inductively Coupled Plasma Mass Spectrometry. *Journal of Analytical Atomic Spectrometry - J ANAL ATOM SPECTROM*, **12**: 797–806.
- Zettner, A., 1964. Principles and Applications of Atomic Absorption Spectroscopy, dalam: Sobotka, H. dan Stewart, C.P. (Editor), *Advances in Clinical Chemistry*. Elsevier, pp. 1–62.
- Zhang, J., 2018. 'Research on the soil nutrient characteristics of tea plantation', , in: *IOP Conference Series: Earth and Environmental Science*. IOP Publishing, pp. 012079.
- Zoroddu, M.A., Aaseth, J., Crisponi, G., Medici, S., Peana, M., and Nurchi, V.M., 2019. The essential metals for humans: a brief overview. *Journal of Inorganic Biochemistry*, **195**: 120–129.