

DAFTAR PUSTAKA

- Belay, A., Ture, K., Redi, M., & Asfaw, A. (2008). Measurement of caffeine in coffee beans with UV/vis spectrometer. *Food Chemistry*, *108*(1), 310-315. <https://doi.org/10.1016/j.foodchem.2007.10.024>
- BPOM. (2023). Peraturan Badan Pengawas Obat dan Makanan Nomor 24 tahun 2023 Tentang Persyaratan Keamanan dan Mutu Suplemen Kesehatan. Jakarta: BPOM.
- Br Ginting, S. S., Astiarani, Y., Santi, B. T., & Vedinly, V. (2022). Tingkat Pengetahuan Efek Konsumsi Kafein Dan Asupan Kafein Pada Mahasiswa. *Journal of Nutrition College*, *11*(4), 264-271. <https://doi.org/10.14710/jnc.v11i4.32930>
- Depkes RI. (2020). Farmakope Indonesia edisi VI. In *Departemen Kesehatan Republik Indonesia*.
- Gerold, C. T., Bakker, E., & Henry, C. S. (2018). Selective Distance-Based K+ Quantification on Paper-Based Microfluidics. *Analytical Chemistry*, *90*(7), 4894-4900. <https://doi.org/10.1021/acs.analchem.8b00559>
- Gutorova, S. V., Apyari, V. V., Kalinin, V. I., Furletov, A. A., Tolmacheva, V. V., Gorbunova, M. V., & Dmitrienko, S. G. (2021). Composable paper-based analytical devices for determination of flavonoids. *Sensors and Actuators, B: Chemical*, *331*. <https://doi.org/10.1016/j.snb.2020.129398>
- Guy, R. C. (2014). International Conference on Harmonisation. *Encyclopedia of Toxicology: Third Edition*, *2*(June 1995), 1070-1072. <https://doi.org/10.1016/B978-0-12-386454-3.00861-7>
- Hidayat, M. A., Sari, P., & Kuswandi, B. (2018). Simple scanometric assay based on dpph immobilized on pharmaceutical blister for determination of antioxidant capacity in the herbal extracts. *Marmara Pharmaceutical Journal*, *22*(3), 450-459. <https://doi.org/10.12991/jrp.2018.87>

- Hidayat, M. A., Wahyuning, N. T., Ningsih, I. Y., & Kuswandi, B. (2023). Pengembangan Sensor Kimia Berbasis Kertas Untuk Penetapan Kadar Kafein Sampel Kopi. *Jurnal Riset Kimia*, 14(1), 43–51. <https://doi.org/10.25077/jrk.v14i1.589>
- ICH. (2023). International commission on harmonisation. ICH Q2 (R2) validation of analytical procedures. *European Agency for the Evaluation of Medicinal Products*, 2(December 2023). <https://www.ema.europa.eu/en/ich-q2r2-validation-analytical-procedures-scientific-guideline>
- Lewińska, I., Ścibisz, M., & Tymecki, Ł. (2024). Microfluidic paper-based analytical device for simultaneous determination of calcium and magnesium ions in human serum. *Analytica Chimica Acta*, 1308. <https://doi.org/10.1016/j.aca.2024.342639>
- Linnarto, F. P., Gunawan, K. P., Setiadi, M., Ashyari, R. A., Lukman, S., Kartini, J. R., Barat, C., & Selatan, J. (2019). *Teh Putih sebagai Alternatif Minuman Fungsional untuk Gaya Hidup Sehat: Peluang Komersialisasi di Indonesia* (Vol. 02, Issue 1).
- Maramis, R. K., Citraningtyas, G., & Wehantouw, F. (2013). Analisis Kafein Dalam Kopi Bubuk Di Kota Manado Menggunakan Spektrofotometri Uv-Vis. *Jurnal Ilmiah Farmasi*, 2(4), 122–128.
- Martinez, A. W., Phillips, S. T., Carrilho, E., Iii, S. W. T., & Whitesides, G. M. (2013). *Simple Telemedicine for Developing Regions*. 80(10), 3699–3707. <https://doi.org/10.1021/ac800112r.Simple>
- Milani, R. F., Sanches, V. L., Morgano, M. A., & Cadore, S. (2020). Trace elements in ready-to-drink ice tea: Total content, in vitro bioaccessibility and risk assessment. *Food Research International*, 137(September), 109732. <https://doi.org/10.1016/j.foodres.2020.109732>
- Mohammednur, N., Hussen, A., & Zewge, F. (2024). Development of paper-based microfluidic analytical device (μ PAD) for the determination of paracetamol in

water samples: Optimization using response surface methodology (RSM). *Applied Water Science*, 14(12), 1–11. <https://doi.org/10.1007/s13201-024-02307-y>

Musile, G., Grazioli, C., Fornasaro, S., Dossi, N., De Palo, E. F., Tagliaro, F., & Bortolotti, F. (2023). Application of Paper-Based Microfluidic Analytical Devices (μ PAD) in Forensic and Clinical Toxicology: A Review. In *Biosensors* (Vol. 13, Issue 7). Multidisciplinary Digital Publishing Institute (MDPI). <https://doi.org/10.3390/bios13070743>

Noviana, E., Ozer, T., Carrell, C. S., Link, J. S., McMahon, C., Jang, I., & Henry, C. S. (2021). Microfluidic Paper-Based Analytical Devices: From Design to Applications. In *Chemical Reviews* (Vol. 121, Issue 19, pp. 11835–11885). American Chemical Society. <https://doi.org/10.1021/acs.chemrev.0c01335>

Oyewunmi, O. D., Safiabadi-Tali, S. H., & Jahanshahi-Anbuhi, S. (2020). Dual-modal assay kit for the qualitative and quantitative determination of the total water hardness using a permanent marker fabricated microfluidic paper-based analytical device. *Chemosensors*, 8(4), 1–19. <https://doi.org/10.3390/chemosensors8040097>

Pasias, I. N., Kiriakou, I., & Proestos, C. (2017). Development of a rapid method for the determination of caffeine in coffee grains by GC-FID—a fully validated approach. *Antioxidants*, 6(3), 4–9. <https://doi.org/10.3390/antiox6030067>

Putri, M. K., & Dellima, B. R. E. M. (2022). Analisis Kadar Kafein dalam Green Bean dan Roasted Bean Kopi Robusta (*Coffea canephora*) Temanggung Menggunakan Spektrofotometer UV. *Jurnal Sains Dan Kesehatan*, 4(6), 577–584. <https://doi.org/10.25026/jsk.v4i6.1253>

Thompson, M., Ellison, S. L. R., & Wood, R. (2002). Harmonized guidelines for single-laboratory validation of methods of analysis (IUPAC Technical Report). *Pure and Applied Chemistry*, 74(5), 835–855. <https://doi.org/10.1351/pac200274050835>

Wikoff, D., Welsh, B. T., Henderson, R., Brorby, G. P., Britt, J., Myers, E., Goldberger, J., Lieberman, H. R., O'Brien, C., Peck, J., Tenenbein, M., Weaver, C., Harvey, S., Urban, J., & Doepker, C. (2017). Systematic review of the potential adverse effects of caffeine consumption in healthy adults, pregnant women, adolescents, and children. *Food and Chemical Toxicology*, 109, 585–648. <https://doi.org/10.1016/j.fct.2017.04.002>

Yu, P., Deng, M., & Yang, Y. (2019). *Devices for the Analysis of Nitrite and Glucose Built via Deposition of Adhesive Tape*.

