

DAFTAR PUSTAKA

- Abbaszadeh, S., Hejazi, M., & Ramezani, M (2021). *Recent advances liquid-liquid extraction: Theory and application. Separation and purification Reviews, 50(2), 139-160.*
- Abriyani, E., Putri, N. S., Rosidah, R. S. N., & Ismanita, S.S. (2022). Analisis Kafein Menggunakan Metode Uv-Vis: Tinjauan Literatur. *Jurnal Pendidikan dan Konseling, Vol. 4, No. 6, 12732-12739.*
- Ary N. A., & Aulia P., (2022). Analisis Kadar Sakarin Dan Siklamat Pada Minuman Kemasan Tidak Bermerek Yang Dijual Di Kecamatan Pekuncen. *Jurnal Kesehatan Amanah. Vol. 6, No. 2. E-ISSN: 2962-6366, Hal. 80-93.*
- Aryal, B., & Henry, C. S. (2024). Advancements and challenges in microfluidic paper-based analytical devices: Design, manufacturing, sustainability, and field applications. *Frontiers in Lab-on-a-Chip Technologies.*
- Badan Pengawas Obat dan Makanan, 2014. Peraturan Badan Pengawas Obat dan Makanan Republik Indonesia Nomor 4 Tahun 2014 tentang batas Maksimum Penggunaan Bahan Tambahan Pangan Pemanis. BPOM RI, Jakarta.
- C.C. Liu, Y.N. Wang, L.M Fu dan Y.H Huang, 2018. *Microfluidic paper-based chip platform for formaldehyde concentration detection. Chemical Engineering Journal Vol. 332.*
- Cam-posso, F. J. A., Astudillo-Salinas, D. A., Balanos, A. C., & Galves, E. D. 2020. Development of a low-cost UV-Vis Spectrophotometer and its application for the detection of mercuric ions assisted by chemosensors. *Sensors, 20(3).906.*
- Chaiyong, S. (2023). Time for local spirits to shine. *Asian Journal of Public and Urban Affairs, 5(2), 45–60*
- Chen, Q., Hou, H., Zheng, D., Xu, X., Xi, X., & Chen, Y. (2022). HPTLC screening of saccharin in beverages by densitometry quantification and SERS confirmation. *RSC Advances, 12(14), 8317–8322.*

- Chengaih, B., Rao, K. M., Kumar, M., Allagusundaram, M., & Cheetty, C. M. 2019. A review on artifivial sweeteners. *International Journal of PharmTech Research*, 2(1), 143-148.
- Convery, N; Gadegaard, N. *30 years of microfluidics*. Micro and nano engineering 2019, Vol. 2, 76-91.
- Departemen Kesehatan Republik Indonesia, 1995. *Farmakope Indonesia Edisi IV*. Jakarta: Kementrian Kesehatan Republik Indonesia.
- Departemen Kesehatan Republik Indonesia, 2020. *Farmakope Indonesia Edisi VI*. Jakarta: Kementrian Kesehatan Republik Indonesia.
- Hernaningsih, M., & Jayadi, L, 2021. *Sirup yang beredar dipasar Besar Malang Secara Kuantitatif Menggunakan Metode Spektrofotometri Uv-Vis*. *Jurnal Rise Kefarmasian Indonesia*, Vol. 3, No. 3,199-210.
- Hidayat, R., & Wijaya, M. (2020). Deteksi dan kuantifikasi pemanis buatan dalam minuman kemasan dengan metode mikrofluida. *Jurnal Sains dan Teknologi Pangan*, 5(1), 33-39.
- International Conference on Harmonisation. 2005. Validation of analytical Procedures: Text and methodology Q2(R1).
- Kar, A., & Mandal, S. (2020). Assessment of saccharin-induced oxidative stress and hepatotoxicity in albino rats. *Egyptian Journal of Chemistry*, 63(8), 2949–2959.
- Koesdjojo, M. T., Pengpumpkiat, S., Wu, Y., Boonloed, A., Huynh, D., Remcho, V. T., & Remcho, T. P. 2015. *Cost effective paper-based colorimetric microfluidic devices and mobile phone camera readers for the classroom*. *Journal of Chemical Education*, 92(4), 737-741.
- Kumar, R., Singh, A., & Verma, S. (2022). mproved approaches for calculating LOD and LOQ in chromatographic methods: Application to pharmaceutical analysis. *Journal of Pharmaceutical and Biomedical Analysis*, 210, 114562.
- Liu, H., Fan, W., Xu, Y., & Yang, R. 2020. *Advances in sample preparation methods for food analysis*. *TrAC Trends in Analytical Chemistry*, 127, 115891.

- Lori S. A. B., Saeed M., Masatoshi M., Akihiko I., Hiforumi T., & Manabu T 2016. Advances in paper-based analytical devices for food and water analysis. *Micromachines*, 7(5), 86.
- Magnuson, B. A., Carakostas, M. C., Moore, N. H., Poulos, S.P., & Renwick, A. G. (2016). Biological fate of low-calorie sweeteners. *Nutrition Reviews*, 74 (11), 670-689.
- Mulyani, E., Herlina, H., & Putra, Y. M. (2022). Analisis kandungan sakarin pada minuman es yang dijual di pasar tradisional Kota Bengkulu. *Jurnal Farmasi Malahayati*, 5(2).
- Neni Isnaeni & Nurul Dwirini, 2023. *Studi Dan Karakterisasi Bahan Baku Resorsinol Sebagai Calon Baku Pembanding Dan Pengembangan Metode Analisis Penetapan Kadar Resor Sinol Dalam Bahan Baku*. Eruditio Vol. 3, No. 2. P-ISSN: 2580-7722.
- Nuchtavorn, N., & Suntornsuk, W. 2022. *A review of microfluidic paper-based analytical devices: Fabrication, detection, and applications in environmental analysis*. Talanta.
- Oshina, I., & Spigulis, J. (2021). *Beer–Lambert law for optical tissue diagnostics: Current state of the art and the main limitations*. *Journal of Biomedical Optics*, 26(10), 100901.
- Oyewunmi, O. D., Safiabdi-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* 2020,9,97.
- Purbaningtias T. E., Larasati M., Kurniawati P., & Wiyantoko B. 2020. The performance study of a single and double beam UV-Vis spectrophotometer on nitrite determination in groundwater. *AIP Conference Proceedings*.
- Ramadhani, R., & Sribina, N. (2019). Pemanfaatan media pembelajaran SPSS untuk meningkatkan kemampuan statistik siswa SMK. *Jurnal SOLMA*, 8(1), 159–170.
- Ramadhani, Y., Sari, D. N., & Prasetya, A. (2018). Identifikasi sakarin dan siklamat pada minuman es menggunakan kromatografi lapis tipis. *Jurnal Ilmiah Bakti Farmasi*, 3(1), 15–21

- Romsiah & Dwi P. U., 2018. Identifikasi Sakarin dan Siklambat Pada Minuman Es Tidak Bermerk Yang Dijual di Pasar 16 Ilir Palembang Dengan Menggunakan Metode Kromatografi Lapis Tipis. *Jurnal Ilmiah Bakti Farmasi*, 2018, III (1), hal. 47-52.
- Sarwendah R. H., Roto, & Agus K., 2018. Ekstraksi Dan Analisis Dalam Sampel Obat Dan Makanan Secara Spektrofotometri Ultraviolet (UV) Derivativ. *Jurnal Ilmu-ilmu MIPA*, hal. ISSN: 1411-1047. doi: 10.20885/eksakta.Vol8.iss2.art1
- Silva, M. F., & Lopes, C. M. (2022). Investigation of the physicochemical properties and molecular structure of resorcinol derivatives using spectroscopic and computational methods. *Journal of Molecular Structure*, 1250, 131791.
- Suliati, 2020. *Analisis Kandungan Sakarin dan Siklambat dalam Minuman Es Campur dan Es Dawet yang Dijual di Kopelama Darussalam Kecamatan Syiah Kuala Banda Aceh*. Banda Aceh: Universitas Islam Negeri Ar-Raniry Darussalam.
- Sumaira N., Ali T. J., Andres W. M., & Fazli R. A., 2021. *Paper-based Microfluidics: Simplified Fabrication and Assay Methods*. Sensors and Actuators: B. Chemical 336 (2021) 129681
- Sumantri, Abdul Rohman, 2013. *Analisis Makanan*. Yogyakarta: Gadjah Mada University Press. Halaman 257.
- Sylvetsky, A. C., & Rother, K. I. (2018). Nonnutritive Sweeteners in Weight Management and Chronic Disease: A Review. *Obesity*, 26(4), 635–640.
- T. Komatsu, Maeki, A. Ishida, H. Tani dan M. Tokeshi, 2018. *Characteristics of Microfluidic Paper-Based Analytical Device Fabrication by Four Different Methods*, *Anal. Sci.*, Vol. 34, No. 1, Hal. 29-44.
- Tao, W., Shi, Y., & Chen, Z. 2017. Smartphone-based point-of-care testing of biomarkers. *Biosensors and Bioelectronics*, 96, 246-260.
- Thompson, M. (2022). *Towards an explanation of the Horwitz function*. *Analytical and Bioanalytical Chemistry*, 414(4), 1671–1676
- W. H. Liang, C.H Chu dan R.J Yang, 2015. *Bio-sample detection on paper-based device with inject printer-sprayed reagents*, *J. talanta*. Vol. 06, hal. 29.

- Waode R., Nurul N.A., Aulia P. C. K., 2021. Analisis Kadar Sakarin Pada Halus Manis Yang Diperjualbelikan Di Kota Makasar. *Jurnal Medika: Media Ilmiah Analisis Kesehatan* Vol. 6 No. 2.
- Zhang, H., Lin, Z., & Zhao, X. (2020). Recent progress in paper-based microfluidic analytical devices for point-of-care testing. *Sensors and Actuators B: Chemical*, 304, 127447.
- Zhou, W., Zhang, X., & Li, J. (2019). Rapid and sensitive determination of artificial sweeteners in beverages by HPLC coupled with mass spectrometry. *Food Chemistry*, 272, 66–72.
- Zhu, Y., Zhang, H., Zhang, J., & Wang, Q. 2018. An effeicient approach for selective electromembrane extraction of benzoic and sorbic acid and saccharin in soft drink. *Analytical Methods*, 10 (44), 5321-5326.

