

DAFTAR PUSTAKA

- [USDA] United State Departement of Agriculture. 2018. USDA National Nutrient Database for Standart Reference. <https://fdc.nal.usda.gov/>
- Afriza, R., & Nilda, I. (2019). Analisis Perbedaan Kadar Gula Pereduksi Dengan Metode Lane Eynon Dan Luff Schoorl Pada Buah Naga Merah (*Hylocereus Polyrhizus*). *Jurnal Temapela*, 2(2), 90–96. <https://doi.org/10.25077/temapela.2.2.90-96.2019>
- Agilent, (2021). The Basics of UV-Vis Spectrophotometry, Agilent Technologies, USA.
- Apriyanto, M. (2022). *Pengetahuan Dasar Bahan Pangan*. CV. AA. RIZKY.
- Ahn, H., Lee, M., Shin, H., Chung, H. A., & Park, Y. K. (2022). Postprandial Glucose Response after Consuming Low-Carbohydrate, Low-Calorie Rice Cooked in a Carbohydrate-Reducing Rice Cooker. *Foods*, 11(7). <https://doi.org/10.3390/foods11071050>
- Al-kayyis, H. K., & Susanti, H. (2016). Perbandingan Metode Somogyi-Nelson Dan Anthrone-Sulfat Pada Penetapan Kadar Gula Pereduksi Dalam Umbi Cilembu (*Ipomea batatas* L.). *Journal of Pharmaceutical Sciences and Community*, 13(02), 81–89. <https://doi.org/10.24071/jpsc.2016.130206>
- Andayani, R., Andira, R. P., & Armin, F. (2024). Analisis Oksibenzon dalam Losion Tabir Surya Menggunakan KLT- Densitometri Fase Terbalik Tervalidasi. 11(3), 323–331.
- Astuti, 2010. Penetapan Kadar Menggunakan Spektrofotometri Uv-vis. Pros. Semin. Nas. Vol 2. pp:
- Budiono, D. R., & Dhurhanian, C. E. (2023). Analisis Penurunan Kadar Glukosa Dalam Nasi JagungYang Diolah Dengan Dan Tanpa Virgin Coconut Oil (Vco). *Jurnal Analis Farmasi*, 8(2), 197–205.
- Cañizares, L., Meza, S., Peres, B., Rodrigues, L., Jappe, S. N., Coradi, P. C., & Oliveira, M. de. (2024). Functional Foods from Black Rice (*Oryza sativa* L.): An Overview of the Influence of Drying, Storage, and Processing on Bioactive Molecules and Health-Promoting Effects. *Foods*, 13(7). <https://doi.org/10.3390/foods13071088>
- Cintya, H., Putra, E. D. L., Muhammad, M., Pranata, C., & Syahputra, H. D. (2022). Analysis of carbohydrate, protein and fat levels using various type rice with different cooking process. *IOP Conference Series: Earth and Environmental Science*, 977(1). <https://doi.org/10.1088/1755-1315/977/1/012079>
- Dini, R. R., Besar, O. I., & Andriani, R. (2014). Pengolahan Brownies Kukus Ketan Hitam di Hotel Savoy Homann Bidakara Bandung. *Jurnal Pariwisata*, 1(1), 16–28.

- Ekasari, E., & Dhanny, D. R. (2022). Faktor Yang Mempengaruhi Kadar Glukosa Darah Penderita Diabetes Melitus Tipe II Usia 46-65 Tahun Di Kabupaten Wakatobi. *Journal of Nutrition College*, 11(2), 154–162. <https://doi.org/10.14710/jnc.v11i2.32881>
- Faizah, I. N., Rahmawati, W., & Suharyatun, S. (2024). *Jurnal Agricultural Biosystem Engineering Analisis Kebutuhan Air untuk Penanaman Nasi dengan Berbagai Jenis Beras Analysis of Water Requirement for Rice Cooking with Various Types of*.
- Gandjar, I.G., dan Rohman, A., 2012. Analisis Obat Secara Spektrofotometri dan Kromatografi. Yogyakarta : Pustaka Pelajar
- Hani, H. N., Putri, S. N. A., Ningrum, S., & Utami, D. R. (2023). Uji kualitatif karbohidrat pada makanan empat sehat lima sempurna. *Journal of Food Safety and Processing Technology (JFSPT)*, 1(1), 21. <https://doi.org/10.30587/jfspt.v1i1.6349>
- Harris, D. C. (2007). Quantitative Chemical Analysis. In *Methods in Geochemistry and Geophysics* (Vol. 7, Issue C). <https://doi.org/10.1016/B978-0-444-40826-6.50009-1>
- Harmita, H. (2004). Petunjuk Pelaksanaan Validasi Metode Dan Cara Perhitungannya. *Majalah Ilmu Kefarmasian*, 1(3), 117–135. <https://doi.org/10.7454/psr.v1i3.3375>
- Haryadi. (2006). Teknologi Pengolahan Beras. Gadjah Mada University Press.
- Haryadi, 2008. Teknologi Pengolahan Beras. Yogyakarta: Gadjah Mada University Press.
- Hernawan, E., & Meylani, V. (2016). Analisis Karakteristik Fisikokimia Beras Putih, Beras Merah, Dan Beras Hitam (*Oryza sativa* L., *Oryza nivara* dan *Oryza sativa* L. *indica*). *Jurnal Kesehatan Bakti Tunas Husada: Jurnal Ilmu-Ilmu Keperawatan, Analisis Kesehatan Dan Farmasi*, 15(1), 79. <https://doi.org/10.36465/jkbth.v15i1.154>
- Hidayat, T., & Sandra, Y. (2024). Perbandingan Kadar Amilum pada Nasi Putih Baru Matang dengan Comparison of Amylum Levels in Freshly Cooked White Rice with White Rice Stored at Room Temperature with Various Time Variations Using the Iodide Test. *Junior Medical Journal*, 2(6), 777–784.
- Huang, M., Li, X., Hu, L., Xiao, Z., Chen, J., & Cao, F. (2021). Comparing texture and digestion properties between white and brown rice of indica cultivars preferred by Chinese consumers. *Scientific Reports*, 11(1), 1–5. <https://doi.org/10.1038/s41598-021-98681-7>
- Idar. (2024). Bunga Rampai Analisis Farmasi. In *Karbohidrat dalam Makanan dan Minuman* (pp. 42–54). Media Pustaka Indo.
- Ishmah, N., Anugrah, R. M., & Purbowati. (2020). Glucose Levels Differences In

- Rice Has Stored In Magic Com And In Room Temperature. *JGK*, 12(27).
- Kalengkongan, C., Pontoh, J., & Fatimah, F. (2013). Hubungan Antara Beberapa Kriteria Kualitas Dengan Warna Gula Aren (*Arenga pinnata* Merr.). *Jurnal Ilmiah Sains*, 13(2), 86. <https://doi.org/10.35799/jis.13.2.2013.2887>
- Lavanya, G., Sunil, M., Eswarudu, M. ., Eswaraiah, M. C., Harisudha, K., & Spandana, B. N. (2013). Analytical Method Validation: An Updated Review Department of Pharmaceutical Analysis, Anurag Pharmacy College, Ananthagiri (V), Kodad (M)- 508206, Nalgonda (Dt),. *International Journal of Pharmaceutical Science and Research*, 4(4), 1280–1286.
- Lesnussa, T., Hattu, N., & Dulanlebit, Y. H. (2019). Analisis Kadar Kalsium (Ca) Dan Fosfor (P) Pada Daun Kecipir (*Psophocarpus tetragonolobus* L) Di Pulau Ambon Dan Seram Bagian Barat. *Molucca Journal of Chemistry Education (MJoCE)*, 9(1), 46–54. <https://doi.org/10.30598/mjocevol9iss1pp46-54>
- Marshall, Janette. 2006. Makanan Sumber Tenaga. Jakarta : Erlangga
- Miller, J., & Miller, J. C. (2010). Statistics and Chemometrics for Analytical Chemistry. In *Statistics and Chemometrics for Analytical Chemistry*.
- Mulja, M., dan Suharman, 1995, *Analisis Instrumental*, Cetakan I, 26-32, Airlangga University Press, Surabaya
- Nasrulloh, Putri, L. S. E. P., & Haris, A. (2013). Hidrolisis asam dan enzimatis pati ubi jalar (*Ipomoea batatas*) menjadi glukosa sebagai substrat fermentasi etanol. *Bioteknologi*, 10(2), 51–59. <https://doi.org/10.13057/biotek/c100201>
- Ngo, T. Van, Kunyane, K., & Luangsakul, N. (2023). Insights into Recent Updates on Factors and Technologies That Modulate the Glycemic Index of Rice and Its Products. *Foods*, 12(19). <https://doi.org/10.3390/foods12193659>
- Nurhamida Sari Siregar. (2014). Karbohidrat. *Jurnal Ilmu Keolahragaan*, 13(2), 38–44.
- Perwitasari, D. S., & Cahyo, A. (2009). Pembuatan Dekstrin sebagai Bahan Perekat dari Hidrolisis Pati Umbi Talas dengan Katalisator HCL (The Production of Dekstrin Used as the Adhesive Fro the Roots of the Taro with the Hydrochloric Acid Catalyst). *Chemical Engineering Seminar Soebardjo Brotohardjono VI : Waste Based Energy and Chemicals*, B10.1-B10.8. <http://www.encyclopedia.com/dextrin>
- Purbowati, & Kumalasari, I. (2023). Indeks Glikemik Nasi Putih dengan Beberapa Cara Pengolahan. *Amerta Nutrition*, 7(2), 224–229. <https://doi.org/10.20473/amnt.v7i2.2023.224-229>
- Purbowati, P., & Anugrah, R. M. (2021). Pengaruh Suhu dan Lama Penyimpanan terhadap Kadar Glukosa pada Nasi Putih. *Nutri-Sains: Jurnal Gizi, Pangan Dan Aplikasinya*, 4(1), 15–24. <https://doi.org/10.21580/ns.2020.4.1.4565>
- Rachmawati, W. (2024). Validasi Metode Analisis. In *Bunga Rampai Analisis*

Farmasi (pp. 99–108). MEDIA PUSTAKA INDO.

- Rahmah, NH. 2017. Perbedaan Kadar Glukosa Pada Nasi yang Diolah dengan Metode Tradisional dan Modern. [Artikel]. Fakultas Ilmu Kesehatan : Universitas Ngudi Waluyo.
- Ratmana H, G., 2017. Buku Ajar Biokimia Dasar. Umsida Press, Sidoarjo.
- Rina, R., Baile, M., & Jain, A. (2021). A multifaceted review journal in the field of pharmacy A Review: Analytical Method Development and Validation. *Sys Rev Pharm*, 12(8), 450–454.
- Riyanto Ph.D. (2014). Validasi & Verifikasi Metode Uji. *Paper Knowledge . Toward a Media History of Documents*, 3(April), 49–58.
- Sailendra, N. V., Aji, A. S., Saloko, S., Aprilia, V., Djidin, R. T. S., Rahmawati, S., & Khoirunnisah, F. M. (2024). The Effect of Rice Cooking Techniques on the Sensory Evaluation Test and Fluffiness Levels of Analog Rice Made from Sorghum, Mocaf, Glucomannan, and Moringa Flour. *Amerta Nutrition*, 8(3), 356–362. <https://doi.org/10.20473/amnt.v8i3.2024.356-362>
- Sari, A. R., Martono, Y., & Rondonuwu, F. S. (2020). Identifikasi Kualitas Beras Putih (*Oryza sativa* L.) Berdasarkan Kandungan Amilosa dan Amilopektin di Pasar Tradisional dan “Selepan” Kota Salatiga. *Titian Ilmu: Jurnal Ilmiah Multi Sciences*, 12(1), 24–30. <https://doi.org/10.30599/jti.v12i1.599>
- SARI, N., & Razali, M. (2021). Penetapan Kadar Glukosa Reduksi dari Sirup Glukosa Hasil Hidrolisa Selulosa dari Limbah Buah Mengkudu (*Morinda Citrifolia* L) dengan Asam Klorida. *Journal of The Indonesian Society of Integrated Chemistry*, 13(2), 98–104. <https://doi.org/10.22437/jisic.v13i2.14731>
- Simanjuntak, E., Pangaribuan, I. P., Willy, E., & Cahyadi, A. (2020). *Sistem Otomasi Pengendalian Volume Air Pada Penanak Nasi Berdasarkan Berat Beras Melalui Iot Water Volume Control Automation System Based On Rice Mass In Rice Cooker Via Iot*. 7(2), 3038–3047.
- Schiewe, G., Czysz, W., & Johannsen, L. (1966). *IR-Spektroskopie. Fresenius' Zeitschrift Für Analytische Chemie*, 222(1), 54–56. <https://doi.org/10.1007/BF00504655>
- Skoog, D.A., Holler, E.J, and Crouch, S.R., 2007, *Principles of Instrumental Analysis*, 6th edition. Thomson Higher Education 10 Da^{is} DriVt^tBelmont, Inc, USA.
- Sudarmadji, S., 1984. *Prosedur Analisa Untuk Bahan Makanan dan Pertanian*. Edisi Ketiga. Yogyakarta: Liberty.
- Suhartati, T., 2017. Dasar-dasar spektrofotometri UV-VIS dan spektrometri massa untuk penentuan struktur senyawa organik. Bandar Lampung.
- Sulistya, A., Zihan, N., Angraini, N., Rahmawati, D., & Amir, M. (2024).

Menggunakan Metode Luff Schoorl. 7(2).

- Syafutri, M. I., Syaiful, F., Lidiasari, E., & Pusvita, D. (2020). Pengaruh Lama dan Suhu Pengeringan Terhadap Karakteristik Fisikokimia Tepung Beras Merah (*Oryza nivara*). *AGROSAINSTEK: Jurnal Ilmu Dan Teknologi Pertanian*, 4(2), 103–111. <https://doi.org/10.33019/agrosainstek.v4i2.120>
- Syahriza, Z. A., Sar, S., Warren, F. J., Zou, W., Hasjim, J., Tizzotti, M. J., & Gilbert, R. G. (2014). Erratum: The importance of amylose and amylopectin fine structures for starch digestibility in cooked rice grains (Food Chem. (2013) 136 (742-749)). *Food Chemistry*, 145, 617–618. <https://doi.org/10.1016/j.foodchem.2013.08.120>
- Tarwotjo, Soejeti. 2008. Dasar-dasar Gizi Kuliner. Jakarta: Grasindo
- Taufik, I. I., & Guntarti, A. (2009). Comparison of reduction sugar analysis method in cilembu sweet potato (*Ipomoea batatas* L.) using luff schoorl and anthrone method. *Jurnal Kedokteran Dan Kesehatan Indonesia*, 7(5), 219–226. <https://doi.org/10.20885/jkki.vol7.iss5.art8>
- Thanuja, B., & Parimalavalli, R. (2018). Role of Black Rice in Health and Diseases. *International Journal of Health Sciences & Research*, 8(2), 241–248. www.ijhsr.org
- Virlan, A., Coşciug, L., Țurcanu, D., & Siminiuc, R. (2025). The Influence of Rice Types and Boiling Time on Glycemic Index: An In Vivo Evaluation Using the ISO 2010 Method. *Foods*, 14(1). <https://doi.org/10.3390/foods14010012>
- Widhyasari, L. M., Putri, N. L. N. D. D., & Parwati, P. A. (2017). Determination Carbohydrate Level of White Rice in the Rice Cooker Heating Process With Time Variation. *Bali Medika Jurnal*, 4(2), 115–125. <https://doi.org/10.36376/bmj.v4i2.9>
- Widyaningrum, N., & Arief, T. A. (2024). Uji Acceptance Lulur Beras Putih Dan Pendampingan Pengusaha Petani Di Desa Kaliwungu Kendal. *Jurnal Kesehatan Tambusai*, 5(1), 2173–2182.
- Yudono, B., 2017. Spektrometri. Simetri. Palembang. pp. 17-18
- Yunianto, A. E., Lusiana, S. A., Suryana, N. T. T., Utami, N., Yunieswati, W., Ningsih, W. I. F., Fitriani, R. J., Argaheni, N. B., Febry, F., Puspa, A. R., Atmaka, D. R., & Lubis, A. (2021). Ilmu Dasar Gizi. In *Ilmu Dasar Gizi*.
- Yustinah, Indah Agustina Susanti, Y. D. O. (2012). HIDROLISIS PATI TALAS MENGGUNAKAN KATALIS ASAM KLOORIDA. *Jurnal Teknologi*, 4(1), 1–14. http://scioteca.caf.com/bitstream/handle/123456789/1091/RED2017-Eng-8ene.pdf?sequence=12&isAllowed=y%0Ahttp://dx.doi.org/10.1016/j.regsciu_rbeco.2008.06.005%0Ahttps://www.researchgate.net/publication/305320484_SISTEM_PEMBETUNGAN_TERPUSAT_STRATEGI_MELESTARI
- Yuwono, M., & Indrayanto, G. (2005). Validation of Chromatographic Methods of

Analysis. *Profiles of Drug Substances, Excipients and Related Methodology*, 32(05), 241–260. [https://doi.org/10.1016/S0099-5428\(05\)32009-0](https://doi.org/10.1016/S0099-5428(05)32009-0)

Zackiyah. (2017). Spektrometri Ultra Violet/Sinar Tampak (UV-VIS). Buku Kimia Analitik Instrumen. 1-46