

## DAFTAR PUSTAKA

- Adiko, S.M., Lasindrang, M., Ahmad, L. (2023). Pengaruh Konsentrasi Maltodekstrin Terhadap Sifat Fisikokimia dan Organoleptik pada Tiliaya Instan. *Jambura Journal of Food Technology (JJFT)*. Volume 5 Nomor 2 Tahun 2023
- Anderson, R. A., Conway, H. F., Pfeifer, V. F., & Griffin, E. L. Jr. (1969). Gelatinization of corn grits by roll-and extrusion-cooking. *Cereal Science Today*, 14(1), 130-135.
- AOAC. (1970). *Official Methods of Analysis of the Association of Official Analytical Chemists*. Washington, DC.
- AOAC. (2000). *Official Methods of Analysis of Analytical Chemists*. AOAC Inc., Arlington
- AOAC. (2005). *Official Methods of Analysis of The Association of Official Analytical Chemistry*. AOAC Int, Washington D.C.
- Afandy, M. K. A., Widjanarko, S. B. (2017). Optimasi Penambahan Kadar Maltodekstrin pada Pembuatan Brem Pada Flavour Jeruk. *Jurnal Pangan dan Agroindustri*, 6 (2): 23-25
- Ahmadian-Kouchaksaraei, Zahra, Mehdi Varidi, Mohammad Javad Varidi, dan Hashem Pourazarang. (2014). Influence of Processing Conditions on the Physicochemical and Sensory Properties of Sesame Milk : A Novel Nutritional Beverage. *LWT – Food Science and Technology* 57 : 299 – 305.
- Alaudin, M. (2009). Sosialisasi Pembuatan Ekstrak Pewarna Alami bagi Ibu-ibu Pkk Desa Sukorejo Kecamatan Gunungpati Semarang. Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Negeri Semarang, Semarang.
- Alpons, G.J.S., Aisiyah, S., Harmastuti, N. (2021). Optimasi Tween 80 dan Etanol pada Sediaan Gel Dispersi Padat Ibuprofen Secara Simplex Lattice Design.

Journal of Pharmacy Vol. 10 No. 1: 1-10. p-ISSN : 2302-7436; e-ISSN : 2656-8950

- Amini, R. A. (2015). Kandungan Kalsium Dan Protein Pada Susu Kenari (*Canarium* Sp). Jurnal Kesehatan, 8(01), 49-51.
- Ayu, M. F. W., Rosidah, U., dan Priyanto, G. (2016). Pembuatan Sambal Cabai Hijau Instan Dengan Metode Foam Mat Drying. Prosiding Seminar Nasional Lahan Suboptimal. Palembang.
- Aydar, E. F., Tutuncu, S., Ozcelik, B. (2020). *Plant-based Milk Subtitutes: Bioactive Compounds, Conventional and Novel Processes, Bioavailability Studies, and Health Effects*. Journal of Functional Foods, 70, 1-15.  
<https://doi.org/10.1016/j.jff.2020.103975>
- Bachtiar, R. (2011). Pembuatan Minuman Instan Sari Kurma (*Phoenix dactylifera*). 67.
- Badan Standarisasi Nasional. (2010). SNI 7599:2010 Maltodekstrin. Jakarta : Badan Standarisasi Nasional.
- Banožić, M., VladiĀ, J., Banjari, I., Velić, D., Aladić, K., & Jokić, S. (2021). Spray Drying as a Method of Choice for Obtaining High Quality Products from Food Wastes– A Review. Food Reviews International, 1–33.  
doi:10.1080/87559129.2021.1938601
- Beuchat, L.R. (1981). *Microbial stability as affected by water activity*. Cereal Foods World, 26, 345-349.
- Blancard, P. H. dan Katz. F. R. (1995). *Starch Hydrolisis in Food Polysaccharides and Their Application*. Marcell Dekker, Inc. New York.
- Bueno, Federico & Chouljenko, Alexander & Reyes, Vondel & Sathivel, Subramaniam. (2022). *Spray-dried almond milk powder containing microencapsulated flaxseed oil*. *Drying Technology*. 40. 10.1080/07373937.2022.2061507.

- Deputi MENLH. (2006). Panduan Inpeksi Penataan Pengolahan Lingkungan Industri Pengolahan Susu. Asisten Deputi Urusan Pengendalian Pencemaran Agroindustri. Jakarta.
- Dewi, R., Aminah, S., dan Suyanto, A. (2019). Karakteristik Fisik, Kimia dan Mutu Sensori Susu Bubuk Kecambah Kedelai Instan Berdasarkan Variasi Penambahan Maltodekstrin. *J Pangan dan Gizi*. 9(1). 1–15.
- Djaafar, T. F., Santoso, U., & Ariestyanta, A. (2017). Pengaruh Penambahan Maltodekstrin dan Suhu Inlet Spray Dryer terhadap Karakteristik Fisiko-Kimia Bubuk Sari Kerandang (*Canavalia virosa*). *Agritech*, 37(3), 334–342.
- Djarkasi, G.S.S. (2007). Sifat Fisik dan Kimia Minyak Kenari. *AGRITECH*, Vol. 27, No. 4, [jurnal.ugm.ac.id/agritech/article/view/9857](http://jurnal.ugm.ac.id/agritech/article/view/9857)
- Domínguez-Niño, A., Cantú-Lozano, D., Ragazzo-Sanchez, J. A., Andrade-González, I., & Luna-Solano, G. (2018). *Energy requirements and production cost of the spray drying process of cheese whey*. *Drying Technology*, 36(5), 597–608.  
<https://doi.org/10.1080/07373937.2017.1350863>
- Early R. (2000). *The Technology of Dairy Products*. Marcel Dekker Inc. New York.
- Fauzia, M., Djumena, E. (2020). Jelang Imlek, Impor Buah-buahan Melonjak. Retrieved from [Jelang Imlek, Impor Buah-buahan Melonjak Halaman all - Kompas.com](#)
- Francis, F.J. (1999). *Colorants: Practical Guides for the Food Industry*. Eagan Press, St.Paul, Minnesota, USA.
- Gharsallaoui A, Roudaut G, Chambin O, Voilley A, Saurel R. (2007). *Applications of spray drying in microencapsulation of food ingredients: An overview*. *Food Research International*, 40 (9):1107-1121

- Goula, A. M., & Adamopoulos, K. G. (2010). A new technique for spray drying orange juice concentrate. *Innovative Food Science & Emerging Technologies*, 11(2), 342-351.
- Hadiwiyoto, S. (1994). Teori dan Prosedur Pengujian Mutu Susu dan Hasil Olahannya. Liberty, Yogyakarta.
- Hardyanti, R. A. (2015). Pengaruh Suhu Udara Inlet dan Konsentrasi Maltodekstrin Terhadap Sifat Fisik Bubuk Stevia (*Stevia rebaudiana* Bertoni) Hasil Pengeringan dengan Spray Dryer. *Skripsi*. UGM. Yogyakarta.
- Hui, Y.H. (1992). Starch Hydrolysis Products. VCH Publisher, New York.
- Janathan. (2007). Karakteristik Fisikomia Tepung Bekatul Serta Optimasi Formula Dan Pendugaan Umur Simpan Minuman Campuran Susu Skim Dan Tepung Bekatul [Skripsi yang tidak dipublikasikan]. Bogor : Institut Pertanian Bogor. Hal :104-157
- Kaljannah, R. A, Indriyani dan Ulyarti. (2018). Pengaruh Penambahan Maltodekstrin Terhadap Sifat Fisik, Kimia dan Organoleptik Minuman Serbuk Buah Mengkudu (*Morinda citrifolia*, L). Seminar Nasional Fakultas Pertanian Universitas Jambi. Jambi.
- Kania, W., MA. Martina, A., Siswanti. (2015). Pengaruh variasi rasio bahan pengikat terhadap karakteristik fisik dan Kimia Granul Minuman Fungsional Instan Kecambah Kacang Komak (*Lablab purpureus* (L.) Sweet). Jurnal Teknosains Pangan. Vol 4(3). ISSN: 2302-0733
- Kasim, Mulki & Une, Suryani & Limonu, Marleni. (2023). Karakteristik Fisik Dan Kimia Bubuk Cabai Rawit (*Capsicum Frutescens* L) Pada Berbagai Konsentrasi Bahan Pengisi dengan Metode Foam Mat Drying. Jambura Journal of Food Technology. 5. 106-117. 10.37905/jjft.v5i01.11465.
- Kim, E.H-J. (2008). *Surface Composition of Industrial Spray Dried Dairy Powders and its Formation Mechanisms. A thesis Submitted in Fulfilment*

*of the Requirements for the Degree of Doctoral of Philosophy in Engineering.* Department of Chemical and Materials Engineering, the University of Auckland. New Zealand.

Masum, A.K.M., Chandrapala, J., Adhikari, B., Huppertz, T., Zisu, B. (2019). *Effect of Lactose-to-maltodextrin Ratio on Emulsion Stability and Physicochemical Properties of Spray-dried Infant Milk Formula Powders.* Journal of Food Engineering. Volume 254, Pages 34-41. ISSN 0260-8774. <https://doi.org/10.1016/j.jfoodeng.2019.02.023>

Masyitah, N. (2007). Farmaka, 16, pp. 10-15.

Muchtadi, T. R. dan Sugiyono. (1992). Ilmu Pengetahuan Bahan Pangan. Departemen Pendidikan dan Kebudayaan. Direktorat Jendral Pendidikan Tinggi. Pusat Antar Universitas. Institut Pertanian Bogor. Bogor.

Muljohardjo, M. (1990). Alat dan Mesin Pengolahan Hasil Pertanian. Pusat Antar Universitas (PAU) Pangan dan Gizi Universitas Gadjah Mada, Yogyakarta.

Nazaryan, W.R., Wicaksono, L.A. (2023). Pengaruh Konsentrasi Maltodekstrin dan Lama Pengeringan terhadap Karakteristik Minuman Serbuk Kopi Rempah dengan Metode Foam Mat Drying. Jurnal Teknologi Pangan. Vol. 17 No. 2 Desember 2023.

Kennedy, J and W.Clarke. (2004). *Cultivated Landscapes of the Southwest Pasific. RMAP Working Paper No. 50.* Resource Management in Asia-Pasific Program, RSPAS, The Australian National University, Canberra

Laohasongkram, K., T. Mahamaktudsanee., and S. Chaiwanichsiri. (2011). Microencapsulation of macadamia oil by spray drying. Procedia Food Sci 1: 1660-1665.

Larosta, J. T., Permana, D. G. M., Sugitha, I. M. (2019). Pengaruh Perbandingan Jagung Manis dan Edamame Terhadap Karakteristik Susu Jagung Manis Edamame. Jurnal Ilmu dan Teknologi Pangan, 8(4), 398-407. <https://doi.org/10.24843/itepa.2019.v08.i04.p06>

- Leakey, Roger dkk. (2007). *Characterization of Tress to Trees Variation in Morphological Nutrional and Medical Properties of Canarium indicum Nuts*. Agroforestry System An International Journal Incorporating Agroforestry Forum: Australia.  
<http://agroforestry/files/node/587/leakey.2008.pdf> (diunduh 15 Februari 2010)
- Leviana, W., Paramita, V. (2017). Pengaruh Suhu Terhadap Kadar Air dan Aktivitas Air Dalam Bahan Pada Kunyit (*Curcuma Longa*) Dengan Alat Pengeringing Electrical Oven. Jurnal Metana, Vol.13 No.2 Page 37-44  
<https://ejournal.undip.ac.id/index.php/metana/article/view/18012/12724>
- Liu, K. (2019). *Effects of Sample Size, Dry Ashing Temperature and Duration on Determination of Ash Content in Algae and Other Biomass*. Algal Research, 40, 101486.
- Melkhianus, H. P., Happy, N., Nuddin., H., dan Soemarno. (2013). Karakteristik Maltodeskrin dari Pati Hipokotil Mangrove (*Brugueiera gymnorhiza*) Menggunakan beberapa Metode Hidrolisis Enzim. Indonesia Green Technology. Journal. 2:56-70.
- Mordor Intelligence. (2021). *Plant Based Food and Beverage Industry in Indonesia Size & Share Analysis - Growth Trends & Forecasts (2024 - 2029)*. Retrieved from [Plant Based Food and Beverage Industry in Indonesia - Size & Trends \(mordorintelligence.com\)](https://www.mordorintelligence.com/industry-reports/plant-based-food-and-beverage-industry-in-indonesia)
- Nandiyanto ABD, Okuyama K. (2011). Progress in developing spray-drying methods for the production of controlled morphology particles: From the nanometer to submicrometer size ranges. Advanced Powder Technology, 22(1):1-19
- Nielsen, A.O.D. (2016). *Americans Are Nuts For Almond Milk*.
- Nurafiah, Fifih. (2013). Perbandingan Peningkatan Kemampuan Berpikir Kritis Siswa Smp Antara Yang Memperoleh Pembelajaran Means-Ends Analysis

(Mea) dan *Problem Based Learning (PBL)*. S1 thesis, Universitas Pendidikan Indonesia

Padhli, R. (2022). Pengaruh Suhu Inlet Spray Drying dan Konsentrasi Maltodekstrin terhadap Karakteristik Fisik dan Sensoris Milk Tea Instan Probiotik. *Skripsi*. UGM. Yogyakarta

Patel R, Patel M, Suthar A. (2009). *Spray drying technology: An overview*. Indian Journal of Science and Technology, 2(10):44-47

Pisecky, J., (2012). *Handbook of Milk Powder Manufacture*. GEA Process Engineering A/S, Soeborg, Denmark

Pratita, N. (2012). Isolasi dan Identifikasi Kapang Mitoksin Pada Biji Kacang Tanah yang Dijual di Pasar Tradisional Pulo Brayan Medan. Tesis. Jurusan Biologi. Universitas Negeri Medan. Medan

Purnomo, W., Khasanah, L. U., Anandito, B.K. (2014). Pengaruh ratio kombinasi maltodekstrin, karagenan dan whey terhadap karakteristik mikroenkapsulan pewarna alami daun jati (*Tectona gaudis* L.F.). Jurnal Aplikasi Teknologi Pangan, 3(3), 99–107.

Qadri, T., Naik, H. R., Hussain, S. Z., Bhat, T. A., Naseer, B., Zargar, I., & Beigh, M. A. (2023). *Impact of spray drying conditions on the reconstitution, efficiency and flow properties of spray dried apple powder-optimization, sensorial and rheological assessment*. *Heliyon*, 9(8), e18527. <https://doi.org/10.1016/j.heliyon.2023.e18527>

Riswandha, Danur. (2018). *The Effect of Maltodextrin Concentration as Encapsulant on The Microencapsulation of Dandang Gendis Leaf (Clinacanthus Nutans) Extract Using Freeze Drying Method*. Other Thesis, Unika Soegijapranata Semarang.

Ramadhani, D., Hasnelly, dan Widiantera, T. (2016). Pengaruh Konsentrasi Maltodekstrin Dan Putih Telur Terhadap Karakteristik Minuman Serbuk

Buah Naga Merah (*Hylocereus polyrhizus*). Artikel. Universitas Pasundan. Bandung.

Ramadhia, M., Kumalaningsih, S., dan Santoso, I. 2012. Pembuatan Tepung Lidah Buaya (*Aloe vera* L.) Dengan Metode *Foam-Mat Drying*. Jurnal Teknologi Pertanian 13(2):125-137

Rosida, D.F. (2021). Buku Ajar Modifikasi Pati dari Umbi-Umbian Lokal dan Aplikasinya untuk Produk Pangan. CV. Putra Media Nusantara (PMN): Surabaya

Royani, H. D. (2020). Pengaruh Suhu Udara Masuk Pengering Semprot dan Konsentrasi Maltodekstrin terhadap Karakteristik Fisik dan Kimiawi Bubuk Whey Tahu Koro Pedang Putih (*Canavalia ensiformis* L.). *Skripsi*. UGM. Yogyakarta

Santos, D., Maurício, A. C., Sencadas, V., Santos, J. D., Fernandes, M. H., & Gomes, P. S. (2018). *Spray drying: An Overview. Biomaterials – Physics and Chemistry - New Edition*. doi:10.5772/intechopen.72247

Sathyashree HS, Ramachandra CT, Udaykumar Nidoni, PF Mathad and Nagaraj Naik. (2018). Rehydration properties of spray dried sweet orange juice. J Pharmacogn Phytochem 2018;7(3):120-124.

Sentana, Aileen, Trisnawati, Chatarina (2017). *Identifikasi Sifat Fisikokimia dan Organoleptik Susu Nabati yang Diformulasikan dengan Linier Programming*. Jurnal Teknologi Pangan dan Gizi, 16 (2). pp. 47-51. ISSN 1411-7096.

Sidlagatta, V., Chilukuri, S. V. V., Devana, B. R., Dasi, S. D., & Rangaswamy, L.. (2020). Effect of Maltodextrin Concentration and Inlet Air Temperature on Properties of Spray Dried Powder from Reverse Osmosis Concentrated Sweet Orange Juice. *Brazilian Archives of Biology and Technology*, 63, e20190538. <https://doi.org/10.1590/1678-4324-2020190538>

- Singh P. , Krishnaswamy K. (2023). The influence of flavoring components on the physicochemical properties of spray-dried high oleic (HO) and tofu line (TL) soymilk powder. *Frontiers in Food Science and Technology*.  
<https://www.frontiersin.org/journals/food-science-and-technology/articles/10.3389/frfst.2023.1070453>
- Srihari, Endang dkk. 2010. Pengaruh Penambahan Maltodekstrin Terhadap Pembuatan Santan Kelapa Bubuk. Seminar Rekayasa Kimia dan Proses. Fakultas Teknik Universitas Surabaya.
- Statista.com. Milk Substitute-Indonesia. Retrieved from [Milk Substitutes - Indonesia | Statista Market Forecast](#)
- Sudarmaji, S, B. Haryono, dan Suhardi. 1989. Analisis bahan makanan dan pertanian, Liberty dan Pusat Antar Fakultas Pangan dan Gizi UGM, Yogyakarta.
- Susilorini, T. E. dan Sawitri, M. E. 2007. Produk Olahan Susu. Jakarta : Penebar Swadaya.
- Supplee, G.C., dan Bellis, B. (1924). *The Solubility of Milk Powder as Affected by Moisture Content. Journal of Dairy Science*.  
[https://doi.org/10.3168/jds.S0022-0302\(25\)93937-9](https://doi.org/10.3168/jds.S0022-0302(25)93937-9)
- Thomson, L.A.J. dan Evans, B. (2004). *Canarium indicum* var. *indicum* and *C. barveyi* (*canarium* nut). *Species Profiles for Pacific Island Agroforestry*.  
<http://www.traditionaltree.org>
- Vanga, S. K., & Raghavan, V. (2018). How well do plant based alternatives fare nutritionally compared to cow's milk?. *Journal of food science and technology*, 55(1), 10–20. <https://doi.org/10.1007/s13197-017-2915-y>
- Varnam A.H., Sutherland J.P. (2003). *Milk and Milk Products*. Gordon and Breach Science Publisher, New York

- Widodo. (2003). *Teknologi Proses Susu Bubuk Cetakan 1*. Lacticia Press, Yogyakarta.
- Widyasanti, Asri, Nur Alifa Septianti, dan Sarifah Nurjanah. 2019. Pengaruh Penambahan Maltodekstrin Terhadap Karakteristik Fisikokimia Bubuk Tomat Hasil Pengeringan Pembusaan (Foam Mat Drying). *Agrin* 22(1): 22.
- Woodman, A.G., (1941). *Food Analysis 4th Edition*. Mc. Graw Hill Book Company, Inc. New York.
- Yen, D.E. (1994). *Melanesian Arboriculture: Historical Perspectives with Emphasis on Genus Canarium. in South Pacific Indigenous Nuts*. Vanuatu. Pp. 36-44
- Yuliawaty, S. T. dan Susanto, W. H. (2015). Pengaruh Lama Pengeringan Dan Konsentrasi Maltodekstrin Terhadap Karakteristik Fisik Kimia Dan Organoleptik Minuman Instan Daun Mengkudu (*Morinda Citrifolia* L). *Jurnal Pangan dan Agroindustri* 3 (1):41-52.

<https://www.mordorintelligence.com/industry-reports/global-almond-milk-market>