

DAFTAR PUSTAKA

1. Hartel RW, Hartel A. What Is Food Science? Food Bites. 1 Januari 2008;1–3.
2. Lewis RJ, editor. Food Web. Dalam: Hawley's Condensed Chemical Dictionary. 2007. hlm. 578.
3. kwriu.kemdikbud.go.id. Indonesia didorong mendaftarkan rendang ke unesco .[Internet]. [dikutip 23 Februari 2024].
4. Yaxley H. Risk, issues and crisis management. 20 Mei 2016. [Internet] [dikutip 23 Februari 2024].
5. Grafika RS. UUD 1945; Hasil Amandemen Dan Proses Amandemen Uud 1945 Secara Lengkap. 2007 hlm. 67.
6. [https://peraturan.bpk.go.id/Home/Details/73132/perpres no 80 tahun 2017](https://peraturan.bpk.go.id/Home/Details/73132/perpres%20no%2080%20tahun%202017) [Internet] [dikutip 20 Mei 2024].
7. <https://www.pom.go.id/profil/> [Internet] [dikutip 20 Mei 2024].
8. Hamzah IN, Huang W. The dynamics of strategically important food preference in Indonesia: An empirical evaluation of consumption pattern and welfare loss. *Econ Anal Policy*. 1 September 2023;79:435–49.
9. mui F. No Title. [Internet] [dikutip 23 Februari 2024].
10. Amin KHM, Sam HMI, Sa'adi ZT, Hasanuddin H, Hasanudin H, Sholeh HMAN. *Himpunan Fatwa Majelis Ulama Indonesia Sejak 1975 (Edisi Terbaru)*. Majelis Ulama Indonesia. 2015.
11. Jumiono A. Identifikasi Titik Kritis Kehalalan Bahan Hewani dan Produk Turunan Hewan. *Jurnal Ilmiah Pangan Halal*. 2022;4(2):51–8.
12. Nurmufida M, Wangrimen GH, Reinalta R, Leonardi K. Rendang: The treasure of Minangkabau. *Journal of Ethnic Foods*. 1 Desember 2017;4(4):232–5.
13. dprd.sumbarprov.go.id/media/files/2022/06/Koran_Haluan_Tanggal_12_Juni_2022.pdf. [Internet] [dikutip 23 Februari 2024].
14. halal.kemenperin.go.id. Indonesia pertahankan posisi keempat dalam sgie 2022 [Internet] [dikutip 20 Mei 2024].

15. minang AQDTB. Jakarta: Puslitbang Lektur dan Khazanah Keagamaan, Badan Litbang dan Diklat. Kementerian Agama;
16. Mahkamah Konstitusi Republik Indonesia. Uu Bpjp. 2022. [Internet] [dikutip 23 Februari 2024].
17. Fatimah N. Jaminan Produk Halal di Indonesia Terhadap Konsumen Muslim. *Appl Microbiol Biotechnol.* 2014;85(1):2071–9.
18. Jaswir, Mahfud. Metodologi Penelitian Riset Bidang Sains Halal MODUL. Jakarta: Komite Nasional Ekonomi dan Keuangan Syariah (KNEKS; 2022. 54 hlm.
19. Huang J, Bouis H. Structural changes in the demand for food in Asia: Empirical evidence from Taiwan. *Agricultural Economics.* 1 Oktober 2001;26(1):57–69.
20. Yendri Zal P, Hariyanti N. Crosscultural Communication Nias Ethnic and Minangkabau Ethnic in Nagari Sungai Buluah Barat. *Jurnal Spektrum Komunikasi.* 27 September 2022;10(3):262–75.
21. Sefriyono. Malakok: Model Menegosiasikan Keragaman bagi Etnis Nias Kristen dan Minangkabau Islam di Kabupaten Padang Pariaman. *Penelitian & Pengabdian.* 1 Januari 2015;3(2):200–12.
22. Dachriyanus D. Analisis Struktur Senyawa Organik Secara Spektroskopi. Analisis Struktur Senyawa Organik Secara Spektroskopi. Padang: Lembaga Pengembangan Teknologi Informasi dan Komunikasi (LPTIK) Universitas Andalas; 2017.
23. PPN/BAPPENAS K. Kolaborasi Dalam Mencapai Tujuan Pembangunan berkelanjutan (tpb/sdgs) di indonesia [Internet] Sdgs.Bappenas.Go.Id. 2018. Tersedia pada: [https://sdgs.bappenas.go.id/kolaborasi dalam mencapai tujuan pembangunan berkelanjutan tpbsdgs di indonesia/](https://sdgs.bappenas.go.id/kolaborasi-dalam-mencapai-tujuan-pembangunan-berkelanjutan-tpbsdgs-di-indonesia/)
24. Pasuruankabgoid. Wajibkan Pematangan Ternak di Rph di Kabupaten Pasuruan [Internet] [dikutip 23 Februari 2024].
25. Kemenag. BPJPH Edukasi Wajib Sertifikasi halal di 1.068 titik, Mulai Rumah potong hewan hingga produsen mamin [Internet] Tersedia pada: [https://kemenag.go.id/nasional/bpjph-edukasi-wajib-sertifikasi-halal-di-1-068-titik-mulai-rumah-potong-hewan-hingga-produsen-mamin R0Z0T](https://kemenag.go.id/nasional/bpjph-edukasi-wajib-sertifikasi-halal-di-1-068-titik-mulai-rumah-potong-hewan-hingga-produsen-mamin-R0Z0T)

26. Tobari. Pemkab Padang Pariaman Cairkan Penggantian Dana Ternak Babi. 2016. [Internet] [dikutip 23 Februari 2024].
27. Kabupaten Padang Pariaman Dalam Angka 2017| i. [Internet] [dikutip 23 Februari 2024].
28. Kecamatan Batang Anai Dalam Angka 2021. [Internet] [dikutip 23 Februari 2024].
29. Edmundson WA. Social meaning, compliance conditions, and law's claim to authority. *Canadian Journal of Law and Jurisprudence*. 1 Januari 2002;15(1):51–67.
30. UU No. 41 Tahun 2014 [Internet] Tersedia pada: peraturan.bpk.go.id
31. UU No. 18 Tahun 2009 [Internet] Tersedia pada: peraturan.bpk.go.id
32. katalog:1102001.13. Provinsi Sumatera Barat Dalam Angka 2020. Badan Statistik Provinsi Sumatera Barat . 2020.
33. Abbas O, Zadavec M, Baeten V, Mikuš T, Lešić T, Vulić A, dkk. Analytical methods used for the authentication of food of animal origin. *Food Chem*. 2018;246:6–17.
34. Danezis GP, Tsagkaris AS, Camin F, Brusic V, Georgiou CA. Food authentication: Techniques, trends & emerging approaches. *TrAC Trends in Analytical Chemistry*. 2016;85:123–32.
35. Andayani R, Kesumaningrum D, Nisa T, Husni E, Suryati S, Syofyan S, dkk. Analisis Rendang Daging Sapi dan Daging Babi Hutan Menggunakan Metode Spektroskopi FTIR Kombinasi Kemometrik untuk Autentikasi Halal. *Jurnal Sains Farmasi & Klinis*. 2023;10(1):78.
36. Peraturan.go.id. [Internet] [dikutip 23 Februari 2024].
37. Rini, Azima F, Sayuti K, Novelina. The Evaluation of Nutritional Value of Rendang Minangkabau. *Agriculture and Agricultural Science Procedia*. 2016;9:335–41.
38. Wahyudiati D. Buku Biokimia. LEPPIM Mataram. Mataram: Leppim Mataram; 2017. 141 hlm.
39. Wetlaufer DB. Reversible and irreversible denaturation of proteins in chromatographic systems. *Makromolekulare Chemie Macromolecular Symposia* . 1988;17(1):17–28.

40. Mamuaja CF. *Lipida*. Manado: Unsrat Press; 2017.
41. Saini RK, Prasad P, Shang X, Keum YS. Advances in lipid extraction methods—a review. *Int J Mol Sci*. 2021;22(24):1–19.
42. Ramadhan M, Rahmat S. *Analisis Biomolekul*. Academia.Edu. 2018.
43. Khan A, Talpur FN, Bhangar MI, Musharraf SG, Afridi HI. Extraction of Fat and Fatty Acid Composition from Slaughterhouse Waste by Evaluating Conventional Analytical Methods. *Am J Analyt Chem*. 2021;12(05):202–25.
44. Hewavitharana GG, Perera DN, Navaratne SB, Wickramasinghe I. Extraction methods of fat from food samples and preparation of fatty acid methyl esters for gas chromatography: A review. *Arabian Journal of Chemistry*. 2020;13(8):6865–75.
45. Rahman A, Rohman A. *Spektroskopi Inframerah dan Kemometrika untuk Analisis Farmasi*. Yogyakarta: Pustaka Pelajar; 250 hlm.
46. Rohman A, Ghazali MAB, Windarsih A, Irnawati, Riyanto S, Yusof FM, dkk. Comprehensive Review on Application of FTIR Spectroscopy Coupled with Chemometrics for Authentication Analysis of Fats and Oils in the Food Products. *Molecules*. 2020;25(22):1–28.
47. Yunita Prabawati S, Fajriati I. Analisis Lemak Sapi dan Lemak Babi Menggunakan Gas Chromatography (GC) dan Fourier Transform Infra Red Spectroscopy Second Derivative (FTIR 2D) untuk Autentifikasi Halal. *Indonesia Journal of Halal*. 2018;1(2):89.
48. Guntarti A, Ahda M, Kusbandari A, Atmadja D. Aplikasi metode FTIR kombinasi kemometrika untuk analisis lemak daging tikus pada nugget ayam. *Journal of Halal Science and Research*. 2020;1(1):1–8.
49. Azima F, Rini N. Chemical characteristic and fatty acid profile in rendang Minangkabau. *Int J Adv Sci Eng Inf Technol*. 2016;6(4):465–8.
50. Fatimah S, Syafrini D, Wasino, Zainul R. Rendang lokan: history, symbol of cultural identity, and food adaptation of Minangkabau tribe in West Sumatra, Indonesia. *Journal of Ethnic Foods*. 2021;8(1):1–10.
51. G. Beck A, Muhoberac M, E. Randolph C, H. Beveridge C, R. Wijewardhane P, I. Kenttämaa H, dkk. Recent Developments in Machine

- Learning for Mass Spectrometry. ACS Measurement Science Au [Internet] [dikutip 20 Mei 2024].
52. Verbeeck N, Caprioli RM, de Plas R. Unsupervised machine learning for exploratory data analysis in imaging mass spectrometry. *Mass Spectrom Rev* [Internet] [dikutip 20 Mei 2024]. 2020;39(3):245–91. Tersedia pada: <https://analyticalsciencejournals.onlinelibrary.wiley.com/doi/abs/10.1002/mas.21602>
 53. Andriyani E, Fais NL, Muarifah S. Perkembangan Penelitian Metode Deteksi Kandungan Babi untuk Menjamin Kehalalan Produk Pangan Olahan. *Journal of Islamic Studies and Humanities*. 3 Juni 2019;4(1):104–26.
 54. Nakyinsige K, Man YBC, Sazili AQ. Halal authenticity issues in meat and meat products. *Meat Sci*. 2012;91(3):207–14.
 55. Faridah A, Holinesti R, Syarief W, Mohd Zahari MS. Characteristics and Identification of Critical Points of Halal Food at Restaurants in Padang. *Indonesian Journal of Halal Research*. 2022;4(1):9–18.
 56. Salahudin A, Ramli MA, Zulkepli MIS, Razak MIA. Issues in Halal Meat Product and Authentication Technology from Islamic Perspectives. *International Journal of Academic Research in Business and Social Sciences*. 2018;7(12):1305–15.
 57. Trinanda O, Yuza Sari A. Managing Padang Restaurant's Consumers Trust: The role of Halalness, Food Service and Satisfaction. 2021.
 58. Nurmufida M, Wangrimen GH, Reinalta R, Leonardi K. Rendang: The treasure of Minangkabau. *Journal of Ethnic Foods*. 1 Desember 2017;4(4):232–5.
 59. Azima F, Rini N. Chemical characteristic and fatty acid profile in rendang Minangkabau. *Int J Adv Sci Eng Inf Technol*. 2016;6(4):465–8.
 60. Rohman A. Spektroskopi Inframerah dan Kemometrik Untuk Analisis. Skripsi, Universitas Sumatera Utara. Yogyakarta: Pustaka Pelajar; 2014. 1–146 hlm.
 61. Metodologi_Penelitian_Kefarmasian_Edisi. [Internet] [dikutip 23 Februari 2024].

62. Gremaud G. In search of a theory of everything: Vol. 17, Journal of Advances in Physics. 2020. hlm. 282–5.
63. Allen RE, Lidström S. Life, the Universe, and everything—42 fundamental questions. Phys Scr.
64. Messer R. Java, the Universe, and Everything. IEEE Softw. 1998;15(3):115–6.
65. Gremaud G. In search of a theory of everything: Vol. 17, Journal of Advances in Physics. 2020. hlm. 282–5.
66. McCabe G. The Non unique Universe. foundations of physics. Vol. Feb;40(6):
67. Ostriker JP. From the Atom to the Universe: Recent Astronomical Discoveries. Daedalus. 2014;143(4):67–70.
68. Farmakologi_Molekuler.
69. Lucia U, Grisolia G. Time: a Constructal viewpoint & its consequences. Sci Rep. 2019;9(1):10454.
70. Buyalos RP. Principles of Endoscopic Laser Surgery. Azziz R, Murphy AA, editor. Practical Manual of Operative Laparoscopy and Hysteroscopy. New York, NY: Springer; 1997. 40–48 hlm.
71. Metodologi_Penelitian_Farmasi.
72. Li W, Wong SK, Li F, Kuhn JH, Huang IC, Choe H, dkk. Kata Pengantar. Jurnal Sains Farmasi & Klinis. 1 April 2021;10(2):129.
73. Indonesia BPS. Luas Panen, Produksi, Dan Produktivitas padi menurut provinsi tabel statistik [Internet]
74. Kebutuhan_Dasar_Manusia_Buku_Ajar.
75. Meodia A. 10 Musisi Hebat yang meninggal bunuh diri [Internet. ANTARA [Internet]
76. Times IDN, AA P. 13 tokoh Masa Lampau Yang Wafat dengan Cara Aneh [Internet]
77. Rahman F. Tracing the origins of rendang and its development. Journal of Ethnic Foods. 2020;7(1):1–11.

78. Gusriani. Varian rendang berdasarkan potensi geografis di Sumatera Barat [Variants of rendang based on geographic potential in West Sumatra]. 2021.
79. Helena DC. Menu rendang babi di resto Minang: Di Malaysia biasa Aja Tuh! . [Internet] [dikutip 23 Februari 2024].
80. Prasetya C. 3 Makanan Khas Gunung Sitoli . [Internet] [dikutip 23 Februari 2024].
81. Chef_Noof. NK. Middle East Resep indian chicken curry (Kari Ayam India . [Internet] [dikutip 23 Februari 2024].
82. Sotar S, Mardianto D. Sistem Informasi Geografis Daerah Yang Layak Menerima Daging Qurban Di Wilayah Kota Padang. Jurnal RESTI (Rekayasa Sistem dan Teknologi Informasi). 18 April 2018;2(1):384–90.
83. Wimra Z. Reintegrasi Konsep Maqashid Syari'Ah Dalam Adat Basandi Syara', Syara' Basandi Kitabullah. JURIS (Jurnal Ilmiah Syariah). 18 Maret 2017;15(2):191.
84. https://www.bps.go.id/website/materi_ind/materiBrsInd 2021. [Internet] [dikutip 20 Mei 2024].
85. Rini, Azima F, Sayuti K, Novelina. The Evaluation of Nutritional Value of Rendang Minangkabau. Agriculture and Agricultural Science Procedia. 2016;9:335–41.
86. Yuliana Y, Sari YI, Harmawan V. Comparing the Quality of West Sumatra's Rendang: Rendang Darek vs Rendang Pasisia. Journal of Applied Food Technology. 30 Juni 2023;10(1):8–12.
87. Sendi S. Distribusi Spasial Industri Di Kabupaten Padang Pariaman. Horizon (NY) [Internet] [dikutip 20 Mei 2024]. 1 Februari 2021;1(1):133–43.
88. Kantor Bupati Padang pariaman [Internet] [dikutip 20 Mei 2024]. Tersedia pada: <https://padangpariamankab.go.id/>
89. Depdagri. Undang Undang Republik Indonesia Nomor 6 Tahun 2023 Tentang Penetapan Peraturan Pemerintah Pengganti Undang Undang Nomor 2 Tahun 2022 Tentang Cipta Kerja Menjadi Undang Undang [Internet] [dikutip 20 Mei 2024]. Departemen Dalam Negeri Republik

- Indonesia. 2023. hlm. 1–1127. Tersedia pada: [https://peraturan.go.id/id/uu no 6 tahun 2023](https://peraturan.go.id/id/uu-no-6-tahun-2023)
90. permenparekraf nomor 12 tahun 2014 . [Internet] [dikutip 23 Februari 2024].
91. Peraturan Pemerintah. Nomor 7 Tahun 2021 tentang Kemudahan [Internet] [dikutip 20 Mei 2024]. Perlindungan, dan Pemberdayaan Koperasi dan Usaha Mikro, Kecil dan Menengah (UMKM). 2021. Tersedia pada: [https://peraturan.go.id/id/pp no 7 tahun 2021](https://peraturan.go.id/id/pp-no-7-tahun-2021)
92. Kantor Bupati Padang pariaman . [Internet] [dikutip 23 Februari 2024].
93. populasi ternak menurut kecamatan dan jenis ternak di kabupaten padang pariaman tahun 2015 [Internet] [dikutip 3 Februari 2024].
94. Sefriyono. Malakok: Model Menegosiasikan Keragaman bagi Etnis Nias Kristen dan Minangkabau Islam di Kabupaten Padang Pariaman. Penelitian & Pengabdian [Internet] [dikutip 20 Mei 2024]. 1 Januari 2015;3(2):200–12.
95. Yendri Zal P, Hariyanti N. Crosscultural Communication Nias Ethnic and Minangkabau Ethnic in Nagari Sungai Buluah Barat. Jurnal Spektrum Komunikasi [Internet] [dikutip 20 Mei 2024]. 27 September 2022;10(3):262–75.
96. Zetimorina Y, Salam A. Pengaruh Datuak Rajo Sampono Terhadap Etnis Nias Di Nagari Ketaping Padang Pariaman 1994 – 2022. Puteri Hijau : Jurnal Pendidikan Sejarah [Internet] [dikutip 20 Mei 2024]. 30 April 2023;8(X):297.
97. https://ppid.sumbarprov.go.id/images/2020/07/file/46__Agama_dan_JK_KABUPATEN_PADANG_PARIAMAN.pdf . [Internet] [dikutip 23 Februari 2024].
98. Agama dan JK KABUPATEN PADANG PARIAMAN. [Internet] [dikutip 23 Februari 2024].
99. Mardiah M, Lia Amalia, Dinda Army Trimelati. Analisis Kehalalan Daging Sapi Dengan Metode Pork Detection Kit (Pdk) Dan Tingkat Kepedulian Konsumen Dalam Mengkonsumsi Daging Sapi Halal. Jurnal Ilmiah Pangan Halal. 2021;2(2):53–60.

100. The 7 skills necessary to overcome fear . [Internet] [dikutip 23 Februari 2024]. Sussex Publishers;
101. Wahyudiati D. Buku Biokimia. LEPPIM Mataram. Mataram: Leppim Mataram; 2017. 141 hlm.
102. I Gusti Putu Ngurah Adi Santika. Pengukuran Tingkat Kadar Lemak Tubuh Melalui Jogging Selama 30 Menit Mahasiswa Putra Semester Iv Fpok Ikip Pgri Bali Tahun. Jurnal Pendidikan Kesehatan Rekreasi. 2016;1(June):89–98.
103. Wahyudiati D. Buku Biokimia. LEPPIM Mataram. Leppim Mataram; 2017. 141 hlm.
104. Kimia Organik.
105. Sartika RAD. Pengaruh Asam Lemak Jenuh, Tidak Jenuh dan Asam Lemak Trans terhadap Kesehatan. Kesmas: National Public Health Journal. 2008;2(4):154.
106. Hermanto S, Muawanah A, Harahap R. Profil dan Karakteristik Lemak Hewani (Ayam, Sapi dan Babi) Hasil Analisa FTIR dan GCMS. Jurnal Kimia VALENSI. 2008;1(3):102–9.
107. Jumiono A. Identifikasi Titik Kritis Kehalalan Bahan Hewani dan Produk Turunan Hewan. Jurnal Ilmiah Pangan Halal. Maret 2022;4(2):51–8.
108. Trinanda O, Sari AY. Managing Padang Restaurant's Consumers Trust: The role of Halalness, Food Service and Satisfaction. 2021.
109. Jaswir, Mahfud. Metodologi Penelitian Riset Bidang Sains Halal MODUL. Komite Nasional Ekonomi dan Keuangan Syariah (KNEKS; 2022. 54 hlm.
110. Kementerian Agama Republik Indonesia. Al Quran dan Terjemahannya. 1st ed. CV Penerbit Diponegoro. Solo, Indonesia: PT Tiga Serangkai Pustaka Mandiri; 2019. Juz 1 30.
111. Rohman A, Che Man YB. Analysis of Pig Derivatives for Halal Authentication Studies. Food Reviews International. 2012;28(1):97–112.
112. Indonesia PPR. Peraturan Pemerintah Republik Indonesia Nomor 31 Tahun 2019 Tentang Peraturan Pelaksanaan Undang Undang Nomor 33

- Tahun 2014 Tentang Jaminan Produk Halal [Internet] [dikutip 20 Mei 2024]. Vol. 8, Ayat. 2019. hlm. 55.
113. Fatimah N. Jaminan Produk Halal di Indonesia Terhadap Konsumen Muslim. *Appl Microbiol Biotechnol.* 2014;85(1):2071–9.
 114. Nida L, Pisestyani H, Basri C. Studi Kasus: Pemalsuan Daging Sapi dengan Daging Babi Hutan di Kota Bogor. *Jurnal Kajian Veteriner.* 2020;8(2):121–30.
 115. <https://sumbarprov.go.id/home/news/5517> permintaan daging sapi masih stabil . [Internet] [dikutip 23 Februari 2024].
 116. no P. Tentang Klasifikasi Obat Hewan [Internet] [dikutip 20 Mei 2024]. Tersedia pada: [https://peraturan.go.id/id/permentan no 14 permentan pk 350 5 2017 tahun 2017](https://peraturan.go.id/id/permentan%20no%2014%20permentan%20pk%20350%205%202017%20tahun%202017)
 117. Kemenkes. Profil Penyakit Tidak Menular (PTM) 2017.pdf. Vol. 2, Indonesia. 2019.
 118. Lang J, Cluff L, Payne J, Matson Koffman D, Hampton J. The Centers for Disease Control and Prevention: Findings from the National Healthy Worksite Program [Internet] [dikutip 20 Mei 2024]. Vol. 59, *Journal of Occupational and Environmental Medicine.* 2017. hlm. 631–41. Tersedia pada: <https://www.cdc.gov/vhf/rvf/index.html>
 119. fever R. Centers for Disease Control and Prevention [Internet] [dikutip 20 Mei 2024]. Tersedia pada: <https://www.cdc.gov/vhf/rvf/index.html>
 120. Metanat M, Sharifi Mood B, Fathollahzadeh N, Kahkha LR, Bahremand F, Sharifi R. Report of a family with crimean congo hemorrhagic fever following contact with frozen meat: A case seires study. *Arch Clin Infect Dis.* Maret 2018;13(1).
 121. Mostafa A, Kandeil A, Shehata M, Shesheny R El, Samy AM, Kayali G, dkk. Middle east respiratory syndrome coronavirus (MERS CoV): State of the science. Vol. 8, *Microorganisms.* MDPI AG; 2020. hlm. 1–27.
 122. Organization WH. Prioritizing diseases for research and development in emergency contexts. World Health Organization. World Health Organization [Internet] [dikutip 20 Mei 2024]. 2018; Tersedia pada:

[https://www.who.int/activities/prioritizing diseases for research and development in emergency contexts](https://www.who.int/activities/prioritizing-diseases-for-research-and-development-in-emergency-contexts)

123. Li W, Wong SK, Li F, Kuhn JH, Huang IC, Choe H, dkk. Animal Origins of the Severe Acute Respiratory Syndrome Coronavirus: Insight from ACE2 S Protein Interactions. *J Virol*. 2006;80(9):4211–9.
124. Nida L, Pisestyani H, Basri C. Studi Kasus: Pemalsuan Daging Sapi dengan Daging Babi Hutan di Kota Bogor. *Jurnal Kajian Veteriner*. 2020;8(2):121–30.
125. Food_Safety.
126. Person. Razia Tikus di Jakarta, Tahukah Anda Ciri Ciri Makanan Memakai Daging Tikus [Internet. Bangkapos.com [Internet] Tersedia pada: [https://bangka.tribunnews.com/2016/10/28/razia tikus di jakarta tahukah anda ciri ciri makanan memakai daging tikus](https://bangka.tribunnews.com/2016/10/28/razia-tikus-di-jakarta-tahukah-anda-ciri-ciri-makanan-memakai-daging-tikus)
127. Rohman A. The employment of Fourier transform infrared spectroscopy coupled with chemometrics techniques for traceability and authentication of meat and meat products. *J Adv Vet Anim Res*. 2019;6(1):9–17.
128. Bunaciu AA, Aboul Enein HY, Fleschin S. Recent applications of fourier transform infrared spectrophotometry in herbal medicine analysis. *Appl Spectrosc Rev*. 2011;46(4):251–60.
129. Sudjadi, Rohman J. Analisis Derivat Babi. Vol. 1, Gajah Mada Univeristity Press. Yogyakarta: Gajah Mada University Press; 2018. 1 hlm.
130. Guntarti A, Martono S, Yuswanto A, Rohman A. FTIR spectroscopy in combination with chemometrics for analysis of wild boar meat in meatball formulation. *Asian Journal of Biochemistry*. 2015;10(4):165–72.
131. Guntarti A, Ahda M, Sunengsih N. Identification of lard on grilled beef sausage product and steamed beef sausage product using fourier transform infrared (FTIR) spectroscopy with chemometric combination. *Potravinarstvo Slovak Journal of Food Sciences*. 2019;13(1):767–72.
132. Ahda M, Guntarti A, Kusbandari A, Nugroho HA. Identification of Adulterated Sausage Products by Pork using FTIR and GC MS Combined

- with Chemometrics. *Journal of Chemical Health Risks*. 2023;13(2):325–32.
133. Guntarti A, Purbowati ZA. Analysis of dog fat in beef sausage using FTIR (Fourier Transform Infrared) combined with chemometrics. *Pharmaciana*. 2019;9(1):21.
134. Guntarti A, Ahda M, Kusbandari A, Natalie F. Analysis of Pork Adulteration in the Corned Products Using Ftir Associated With Chemometrics Analysis. *Potravinarstvo Slovak Journal of Food Sciences*. 2020;14:1042–6.
135. Salamah N, Jufri SL, Susanti H, Jaswir I. Analysis of Gelatin on Soft Candy using a Combination of Fourier Transform Infrared Spectroscopy (FTIR) with Chemometrics for Halal Authentication. *Indonesian Journal of Halal Research*. 2023;5(2):90–8.
136. Pranata AW, Yuliana ND, Amalia L, Darmawan N. Volatilomics for halal and non halal meatball authentication using solid phase microextraction–gas chromatography–mass spectrometry. *Arabian Journal of Chemistry*. 2021;14(5):1–17.
137. Rahayu WS, Rohman A, Martono S, Sudjadi. Application of FTIR spectroscopy and chemometrics for halal authentication of beef meatball adulterated with dog meat. *Indonesian Journal of Chemistry*. 2018;18(2):376–81.
138. Windarsih A, Riswanto FDO, Bakar NKA, Yuliana ND, Dachriyanus, Rohman A. Detection of Pork in Beef Meatballs Using LC HRMS Based Untargeted Metabolomics and Chemometrics for Halal Authentication. *Molecules*. 2022;27(23):1–14.
139. Lestari D, Rohman A, Syofyan S, Yuliana ND, Abu Bakar NKB, Hamidi D. Analysis of beef meatballs with rat meat adulteration using Fourier Transform Infrared (FTIR) spectroscopy in combination with chemometrics. *Int J Food Prop*. 2022;25(1):1446–57.
140. Sartorius. What Is Principal Component Analysis (PCA) and How It Is Used? Sartorius [Internet]

141. ArcGIS. How Multidimensional Principal Components Works.” How Multidimensional Principal Components [Internet] Tersedia pada: pro.arcgis.com/en/pro app/latest/tool reference/image analyst/how the multidimensional principle components tool works.htm.
142. Multivariate Analysis in NCSS. Dalam: NCSS. hlm.
143. Beck AG, Muhoberac M, Randolph CE, Beveridge CH, Wijewardhane PR, Kenttämää HI, dkk. Recent Developments in Machine Learning for Mass Spectrometry. ACS Measurement Science Au [Internet] Maret 2024;0(0).
144. Verbeeck N, Caprioli RM, de Plas R. Unsupervised machine learning for exploratory data analysis in imaging mass spectrometry. Mass Spectrom Rev [Internet] 2020;39(3):245–91.
145. Yao Z, Zhang X, Nie P, Lv H, Yang Y, Zou W, dkk. Identification of Milk Adulteration in Camel Milk Using FT Mid Infrared Spectroscopy and Machine Learning Models. Foods. Mei 2023;12:4517.
146. Nguyen B. Multivariate Statistical Analysis with r: PCA & Friends Making a Hotdog. Home. :305.
147. Tahir N, Abas F, Ishak Z, Hashim A, Din A, Ghulam Kadir AP, dkk. Metabolome analysis of oil palm clone P325 of different planting trials. J Oil Palm Res. Mei 2016;28:431–41.
148. Singh I, Juneja P, Kaur B, Kumar P. Pharmaceutical Applications of Chemometric Techniques. ISRN Analytical Chemistry. 2013;2013:1–13.
149. Kementan. Masyarakat Dapat Manfaatkan RPH Untuk Pemotongan Hewan Kurban [Internet]
150. Ihatec. Mengetahui Pentingnya sertifikat halal bagi RPH: IHATEC [Internet]
151. Tak Bisa Ditawar Lagi, RPH Wajib Punya Sertifikat halal Oktober 2024 [Internet] Tersedia pada: <https://www.cnnindonesia.com>
152. AL HAFIZ. ANALISIS FINGERPRINT KOMBINASI DENGAN KEMOMETRIKA UNTUK PENGELOMPOKAN MINYAK ATSIRI JAHE EMPRIT DARI KETINGGIAN LOKASI TUMBUH YANG

BERBEDA DAN AKTIVITAS ANTIOKSIDAN. [Padang]:
UNIVERSITAS ANDALAS; 2023.

153. Hukum Makan di Warung Milik Orang Kafir [Internet] YouTube; 2020
Tersedia pada: <https://m.youtube.com/watch?v=rVV1DDdeRP4>
154. Tanya Jawab : Hukum Makan Makanan Sembelihan Orang Kafir Ustadz
dr. Firanda Andirja, MA [Internet] YouTube; 2017 [dikutip 2024 Jun 17].
Tersedia pada: <https://m.youtube.com/watch?v=kQZtDBbiXPw>
155. Abu Utsman Kharisman. Home [Internet] [dikutip 2024 Jun 17]. Tersedia
pada: [https://itishom.org/blog/artikel/fatwa/hukum seorang muslim makan
bersama orang kafir](https://itishom.org/blog/artikel/fatwa/hukum%20seorang%20muslim%20makan%20bersama%20orang%20kafir)
156. Hukum Menerima Dan Makan hadiah Orang Kafir Syaikh Shalih al
Utsaimin #makan #makanan #hadiah [Internet] YouTube; 2022 [dikutip
2024 Jun 17]. Tersedia pada: [https://m.youtube.com/watch?v=1C
SKL1fB3Q](https://m.youtube.com/watch?v=1CSKL1fB3Q)
157. Abu Utsman Kharisman. Home [Internet] [dikutip 2024 Jun 17]. Tersedia
pada: [https://itishom.org/blog/artikel/muamalah/fatwa syaikh bin baz
tentang daging impor dari negara kafir](https://itishom.org/blog/artikel/muamalah/fatwa%20syaikh%20bin%20baz%20tentang%20daging%20impor%20dari%20negara%20kafir)
158. Witjaksono G, Saputra I, Latief M, Jaswir I, Akmeliawati R, Abdelkreem
Saeed Rabih A. Non Halal biomarkers identification based on Fourier
Transform Infrared Spectroscopy (FTIR) and Gas Chromatography Time
of Flight Mass Spectroscopy (GC TOF MS) techniques. Dalam: EPJ Web
of Conferences. EDP Sciences; 2017.

