

DAFTAR PUSTAKA

- Agung, W. 2012. Penanganan Ikan Hasil Tangkap di Atas Kapal. Kementerian Kelautan dan Perikanan. Direktorat Jenderal Perikanan Tangkap, Jakarta.
- Allen, D.G.Jr. 2004. Regulatory Control of Histamine Production In North Carolina Harvested Mahi-Mahi (*Coryphaena Hippurus*) And Yellowfin Tuna (*Thunnus Albacares*): A HACCP-Based Industry Survey. Raleigh: Department Food Science. North Carolina State University. Thesis.
- Anggraeni, R., S. Anhar, dan W. S Suradi. 2015. Beberapa Aspek Biologi Ikan Cakalang (*Katsuwonus Pelamis*) dalam Kaitannya untuk Pengelolaan Perikanan di PPP Sadeng Kabupaten Gunungkidul Yogyakarta. Diponegoro Journal of Maquares 4(3): 230- 239.
- Arisanti, R.R., I. Citra, dan A.W. Siswanto. 2017. Kontribusi Agen dan Faktor Penyebab Kejadian Luar Biasa Keracunan Pangan di Indonesia: Kajian Sistematis. Berita Kedokteran Masyarakat 34(3): 99-106.
- Bajc, Z., and Gačnik K.S. 2009. Densitometric KLT Analysis of Histamine In Fish And Fishery Products. Journal of Planar Chromatography 22(1): 15–17.
- Bakri. 2015. <http://aceh.tribunnews.com/2015/08/31/keracunan-siswa-arun-akibat-histamin>. Diakses tanggal 27 April 2019.
- Baranyi, J., and T.A. Roberts. 1995. Mathematics of predictive food microbiology. International Journal of Microbiology 26: 199-218.
- Behling, A.R., and S.L. Taylor. 1982. Bacterial Histamine Production as A Function of Temperature and Time of Incubation. Journal of Food Science 47: 1311–1317.
- Beuk, J.F., Chornock F. W., Rice E. E. 1948. <http://www.jbc.org/>. Diakses pada 5 April 2019.
- Brooks, G.F., S.B. Janet, A.M. Stephen, Jawetz, Melnick and Adelbergs. 2005. Medical Microbiology (Mikrobiologi Kedokteran, alih bahasa: Mudihardi, E., Kuntaman, Wasito, E.B., Mertaniasih, N.M., Harsono, S., dan Alimsardjono, L). Buku I. Salemba Medika, Jakarta.
- BSN (Badan Standarisasi Nasional). 2015. Cara Pengujian Bakteri TPC. (SNI 01-2332.3- 2015). Badan Standarisasi Nasional, Jakarta.
- Butler, B. K., G.E. Bolton, L.A. Jaykus, P.D. McClellan-Green and D.P. Green. 2010. Development of Molecular-Based Methods for Determination of High Histamine Producing Bacteria in Fish. International Journal of Food Microbiology 139: 161–167.
- Damongilala, L.J. 2009. Kadar Air dan Total Bakteri pada Ikan Roa (*Hemirhampus* sp.) Asap dengan Metode Pencucian Bahan Baku Berbeda. Jurnal Sains 9(2): 190-198.
- Den Besten, H.M.W., M. Mataragas, R. Moezelaar, T. Abee, and M.H. Zwietering. 2006. Quantification of The Effects of Salt Stress and Physiological State on Thermo Tolerance of *Bacillus cereus* ATCC 10987 and ATCC 14579. Applied and Environment Microbiology 72: 5884–5894.
- Dityawan, A. 2018. Analisis Hubungan Suhu Dengan Parameter Pertumbuhan Bakteri Penghasil Histamin Pada Ikan Cakalang. Fakultas Pertanian. Universitas Gadjah Mada. Thesis.
- Droffner, M.L., William F., Brinton J., and Eric E. 1995. Evidence for the Prominence of Well Characterized Mesophilic Bacteria in Thermophilic (50-70°C) Composting Environments. Biomassa and Bioanorganic 8(3): 191-195.
- Dwidjoseputro, D. 1994. Dasar-Dasar Mikrobiologi Cetakan ke-12. Djambatan, Jakarta.
- Eitenmiller, R.R., Wallis J. W., Orr J. H. and Phillips R. D. 1981. Production of Histidine Decarboxylase and Histamine by *Proteus morganii*. Journal of Food Protection 44(11): 815-820.



- Ekawati, Y. 2014. Perubahan Komposisi Asam Amino dan Mineral Ikan Cakalang (*Katsuwonus pelamis*) Akibat Proses Penggorengan. Institut Pertanian Bogor. Skripsi.
- Emborg, J., P. Ahrens, and P. Dalgaard. 2007. *Morganella psychrotolerans* – Identification, Histamine Formation and Importance for Histamine Fish Poisoning. Danish Institute for Fisheries Research. Disertasi.
- FDA (Food and Drug Administration). 2001. FDA and EPA safety level in regulation and guidance, 3rd Edition. FDA, Washington DC.
- FDA (Food and Drug Administration). 2011. Fish and fishery products hazard and control guidance Chapter 7: Scrombotoxin (Histamin) Formation. 4th Edition. FDA, Washington DC.
- Freitas, R. 2018. <https://fishbase.org/summary/107>. Diakses pada 2 Februari 2019.
- Harper, J.J., and G.H.G Davis. 1979. Two-Dimensional Thin-Layer Chromatography for Amino Acid Analysis of Bacterial Cell Walls. International Journal of Systematic Bacteriology 29(1): 56-58.
- Hattu, N., I. Telussa, and S Paiss. 2014. Kandungan Histamin dalam Olahan Ikan Komu (*Auxis thazard*) yang Direbus dengan Variasi Konsentrasi NaCl. Indonesia Journal of Chemistry 2: 147-154.
- Horwitz, W. 1990. AOAC-Association of Official Analytical Chemists PO Box 540, Benjamin Franklin Station, Washington DC.
- Hu, J.W., M.J. Cao, S.C. Guo, L.J. Zhang, W.J. Su, and G.M Liu. 2015. Identification and Inhibition of Histamine-Forming Bacteria in Blue Scad (*Decapterus maruadsi*) and Chub Mackerel (*Scomber japonicus*). Journal of Food Protection 78(2): 383-389.
- Ieniştea, C. 1971. Bacterial Production and Destruction of Histamine in Foods, and Food Poisoning Caused by Histamine. Food / Nahrung 15(1): 109–113.
- Kanki, M., T. Yoda, T. Tsukamoto & T. Shibata. 2002. *Klebsiella pneumonia* Produces No Histamin: *Raoultella planticola* and *Raoultella ornithinolytica* Strains are Histamin Producers. Applied and Enviromental of Microbiology 68 (7): 3462-3466.
- Keer, M., L. Paul, A. Sylvia, and R. Carl. 2002. Effect of Storage Condition on Histamin Formation in Fresh and Canned Tuna. Comissioned by Food Safety Unit, Victoria.
- Kim, S.H., R.J. Price, M.T. Morrissey, K.G. Field, C.I. Wei and H. An. 2002. Histamin Production by *Morganella morgani* in Mackerel, Albacore, Mahi-Mahi, and Salmon at Various Storage Temperatures. Journal of Food Science 67(4):1522–8.
- KKP (Kementerian Kelautan dan Perikanan). 2018. <https://kkp.go.id/kkp/bkipm/artikel/5836-peta-lalulintas-ikan-cakalang-nasional-2018-volume-1>. Diakses tanggal 14 Maret 2019.
- Koohdar, V. A., V. Razavilar, A.A Motalebi., F. Mosakhani, and T. Valinassab. 2011. Isolation and Identification of Histamine-forming Bacteria in Frozen Skipjack Tuna (*Katsuwonus pelamis*). Iranian Journal of Fisheries Sciences 10(4): 678-688.
- Lee, Y.C., H.S. Kung, C.H. Wu, H.M. Hsu, H.C. Chen, T.C. Huang, and Y.H. Tsai. 2016. Determination of Histamine in Milkfish Stick Implicated in Food-Borne Poisoning. Journal of Food and Drug Analysis 24: 63-71.
- Lehane, L. and J. Olley. 2000. Histamine Fish Poisoning Revisited. International Journal of Food Microbiology 58: 1–37.
- Lerke, P.A., S.B. Werner, S.L. Taylor, and L.S Guthertz. 1978. Scombroid Poisoning. The Western Journal of Medicine 129: 381–386.



- Lopez-Sabater, E.I., J.J. Rodriguez-Jerez, M. Herna ´dez-Herrero, and M.A.T. Mora- Ventura. 1994. Evaluation of Histidine Decarboxylase Activity of Bacteria Isolated from Sardine (*Sardina pilchardus*) by An Enzymatic Method. *Letters in Applied Microbiology* 19: 70–75.
- Ma, H., K.J. Shieh, and S.L. Lee. 2006. Application of ELISA Technique. *Nature and Science* 42.
- Mackin, K.M. 2018. <https://www.foodsafetynews.com/2018/02/fda-sends-warning-letters-to-six-seafood-importers-in-indoensia/>. Diakses tanggal 14 Maret 2019.
- Maintz, L., and Novak, N. (2007). Histamine and Histamine Intolerance. *The American Journal of Clinical Nutrition* 85(5): 1185–1196
- Matsumoto, W.M., R.A. Skillman, and A.E. Dizon. 1984. Synopsis of Biological Data on Skipjack Tuna, *Katsuwonus pelamis*. NOAA Technical Report NMFS Circular 451. U.S. Department of Commerce.
- Moreno, R.B. and E.A. Torres. 2001. Histamine Level in Fresh Fish—A Quality Index. Session 42, Seafood Tech-Safety Processing. IFT Annual Meeting, New Orleans, Louisiana, 23-27 Juni 2001.
- Nedwell, D.B. 1999. Effect of Low Temperature on Microbial Growth: Lowered Affinity For Substrates Limits Growth at Low Temperature. *FEMS Microbiology Ecology* 30: 101-111.
- Nuutinen, S., and P. Panula. 2010. Histamine in neurotransmission and brain diseases. Histamine in inflammation, ISSN 0065-2598, *Advances in Experimental Medicine and Biology* 709: 95–107.
- Oliveira, H., P. Graça, O. Ana, O. Carla, A.F. Maria, B. Yves, D. Lucília, and A. Joana. 2016. Characterization and Genome Sequencing of a *Citrobacter freundii* Phage Cfp1 Harboring a Lysin Active Against Multidrug-Resistant Isolates. *Applied Microbiology and Biotechnology* 100: 10543–10553.
- Omura, Y., R. J. Price, and H. S. Olcott. 1978. Histamine-forming Bacteria Isolated from Spoiled Skipjack Tuna and Jack Mackerel. *Journal of Food Science* 43:1779-1781.
- Owen, D.A.A., and D.F. Woodward. 1980. Histamine H-1- and H-2-Receptor Antagonists In Acute Inflammation. *Biochemical Society Transactions* 8: 151–156.
- Pakaya, F.Y., A.S. Naiu, dan N. Yusuf. 2013. Analisis Tingkat Kesegaran Ikan Cakalang (*Katsuwonus pelamis*) Selama Penyimpanan Dingin Berdasarkan Uji Histamin dan pH. *Artikel Ilmiah* 1-10.
- Purwaningsih, S., J. Santoso, dan R. Garwan. 2013. Perubahan Fisko-Kimiawi, Mikrobiologi dan Histamin Bakasang Ikan Cakalang Selama Fermentasi dan Penyimpanan. *Jurnal Teknologi dan Industri Pangan* 24(2): 168-177.
- Radjawa, C., Y.B. Darmanto, dan F. Bwastawati. 2016. Kajian Kandungan Histamin Ikan Cakalang Segar dan Asap pada Sentral Pengolahan Ikan Asap di Kota Ambon. *Prosiding Seminar Nasional Kelautan 2016*, UTM: 316 – 320.
- Ratkowsky, D.A., R.K. Lowry, T.A. McMeekin, A.N. Stokes and R.E. Chandler. 1983. Model for Bacterial Culture Growth Rate Throughout The Entire Biokinetic Temperature Range. *Journal of Bacteriology* 154: 1222–1226.
- Saanin, H. 1983. Taksonomi dan Kunci Identifikasi Ikan. Jilid 1 dan 2. Binacipta, Bogor.
- Sahubawa, L. 2016. Teknik Penanganan Hasil Perikanan. UGM Press, Yogyakarta.
- Seumahu, C.A., N. Hattu, dan E.G. Fransina. 2009. Analisis Kandungan Histamin Sebagai Bioindikator Kualitas Produk Perikanan Pada Ikan Jenis Scombridae Secara

- Spektrofotometri Berdasarkan Lamanya Waktu Penyimpanan. Seminar Nasional dan Kongres HKI 2009: 117-125.
- Smela, D., P. Pechova, T. Komprada, B. Kledjus, and V. Kuban. 2003. Liquid Chromatographic Determination of Biogenic Amines in a Meat Product During Fermentation and Long-Term Storage. *Czech Journal of Food Sciences* 21(5): 167–175.
- Soebagio. 2002. *Kimia Analitik*. Universitas Negeri Makassar Fakultas MIPA, Makassar.
- Stahl, E. 1969. *Thin Layer Chromatography: A Laboratory Handbook*. 2nd Edition. Springer, New York.
- Sudjadi. 1988. *Metode Pemisahan*. Fakultas Farmasi Universitas Gadjah Mada, Yogyakarta.
- Sumner, J., T. Ross, and L. Ababouch. 2004. *Application of Risk Assessment in the Fish Industry*. FAO, Rome.
- Supadiningsih, C.N. dan N. Rosana. 2004. Penentuan *Fishing Ground* Tuna Cakalang Dengan Teknologi Penginderaan Jauh. Pertemuan Ilmiah Tahunan I Teknik Geodasi-ITS, Surabaya. 13 Oktober 2004.
- Takahashi, H., M. Ogai, S. Miya, T. Kuda, and B. Kimura. 2015. Effects of Environmental Factors on Histamine Production in The Psychrotrophic Histamine-Producing Bacterium *Photobacterium iliopiscarium*. *Food Control* 52: 39-442.
- Taylor, S.L. 1986. Histamine Food Poisoning: Toxicology and Clinical Aspects. *Critical Reviews in Toxicology* 17(2): 91–128.
- Taylor, T., and C. Alasalvar. 2002. *Seafood-Quality, Technology and Nutraceutical Applications*. Springer, Berlin.
- US Department of Health, Education and Welfare. 1972. *Ten-State Nutrition Survey 1968-1970 Vol. 1V: Biochemical*. HEW, Washington DC.
- Wang, J.T., S.C. Chang, Y.C. Chen., and K.T. Luh. 2000. Comparison of Antimicrobial Susceptibility of *Citrobacter freundii* Isolates in Two Different Time Periods. *Journal of Microbiology, Immunology and Infection* 33(4): 258-262.
- Winarno, F.G. 1993. *Pangan Gizi, Teknologi dan Konsumen*. Gramedia Pustaka Utama, Jakarta.
- Yoshinaga, D.H., and H.A. Frank. 1982. Histamine-Producing Bacteria in Decomposing Skipjack Tuna (*Katsuwonus pelamis*). *Applied Environment and Microbiology* 44(2): 447-452.