

## DAFTAR PUSTAKA

1. Malik, A.; Sutantyo, M. L.; Hapsari, I.; Sinurat, A. V.; Purwati, E. M.; Jufri, M.; Suyradi, H.: Simultaneous identification and verification of gelatin type in capsule shells by electrophoresis and polymerase chain reaction. *Journal of Pharmaceutical Investigation* 2016, 46(5), 475-485.
2. Shyni, K.; Hema, G. S.; Ninan, G.; Mathew, S.; Joshy, C. G.; Lakshmanan, P. T.: Isolation and characterization of gelatin from the skins of skipjack tuna (*Katsuwonus pelamis*), dog shark (*Scoliodon sorrikowah*), and rohu (*Labeo rohita*). *Food hydrocolloids* 2014, 39, 68-76.
3. Bhatt, B.; Agrawal, S. S.: Capsules. *Pharmaceutical Technology* 2007, 59, 19-25.
4. Ramadani, M.: Konsumsi suplemen makanan dan faktor-faktor yang berhubungan pada remaja SMA Islam Al-Azhar 3 Jakarta Selatan Tahun 2005. *Jurnal Kesehatan Masyarakat* 2007, 1(2), 78-82.
5. Sahilah.; Fadly, M.; Norrakiah, A. S.; Aimnah.; Wan Aida, W. M.; Ma'aruf, A. G.; Khan, M. A.: Halal market surveillance of soft and hard gel capsules in pharmaceutical products using PCR and southern-hybridization on the biochip analysis. *International Food Research Journal* 2012, 19(1), 371-375.
6. Nikzad, J.; Shahhosseini, S.; Tabarzad, M.; Nafissi-Varcheh, N.; Torshabi, M.: Simultaneous detection of bovine and porcine DNA in pharmaceutical gelatin capsules by duplex PCR assay for Halal authentication. *DARU Journal of Pharmaceutical Sciences* 2017, 25(1), 1-11.
7. Dewi, H.; Sumpe, R.: Pengenalan dan proses pembuatan gelatin. *Jurnal Ilmu-ilmu Pertanian* 2007, 3(1), 39-48.
8. Nemati, M.; Oveis, M. R.; Abdollahi, H.; Sabzevari, O.: Differentiation of bovine and porcine gelatins using principal component analysis. *Journal of Pharmaceutical and Biomedical Analysis* 2004, 34, 485-492.
9. Hashim, D. M.; Man, Y. B. C.; Norakasha, R.; Shuhaimi, M.; Salmah, Y.; Syahariza, Z. A.: Potential use of fourier transform infrared spectroscopy for differentiation of bovine and porcine gelatins. *Food Chemistry* 2010, 118(3), 856-860.
10. Zhang, G.; Liu, T.; Wang, Q.; Chen, L.; Lei, J.; Luo, J.; Ma, G.; Su, Z.: Mass spectrometric detection of marker peptides in tryptic digests of gelatin: A new method to differentiate between bovine and porcine gelatin. *Food Hydrocolloids* 2009, 23(7), 2001-2007.
11. Azira, N.; Amin, i.; Man, C.: Differentiation of bovine and porcine gelatins in processed products via Sodium Dodecyl Sulphate-Polyacrylamide Gel Electrophoresis ( SDS-PAGE ) and principal component analysis ( PCA ) techniques. *International Food Research Journal* 2012, 19(3), 1175-1180.
12. Gibbs, R.A.: DNA amplification by the polymerase chain reaction. *Anal Chem* 1990, 62(13), 1202-1214.
13. Rabadiya, B.; Rabadiya, P.: A Review : Capsule shell material from

- gelatin to non animal origin material. *International Journal of Pharmaceutical Research and Bio-Science* 2013, 2(3),42-71.
- 14. Rowe, R. C.; Sheskey, P. J.; Fenton, M. E.: Pharmaceutical excipients. *Handbook of pharmaceutical excipients* 2012.
  - 15. GMIA.: Gelatin handbook. *Gelatin Manufacturers Institute of America* 2012, 25.
  - 16. Nhari, M. H.; Ismail, A.; Man, Y. B. C.: Analytical methods for gelatin differentiation from bovine and porcine origins and food products. *Journal of Food Science* 2012, 1, 42-46.
  - 17. Valavanidis, A.: Dietary Supplements : Beneficial to human health or just peace of mind? A Critical review on the Issue of benefit / risk of dietary supplements. 2016, 28(2), 69-92.
  - 18. Sirico, F.; Miressi, S.; Castaldo, C.; Spera, R.; Montagnani, S.; Meglio, F. D.; Nurzynska.: Habits and beliefs related to food supplements : Results of a survey among Italian students of different education fields and levels. *Plos one* 2018, 1-11.
  - 19. Hidayah, T.; Sugiarto.: Studi kasus konsumsi suplemen pada member *fitness center* di Kota Yogyakarta. *Jurnal Media Ilmu Keolahragaan Indonesia* 2013, 3, 30-38.
  - 20. Koolman, J.; Roehm, K. H.: Color Atlas of Biochemistry Second Edition. *Revised and Enlarged* 2005.
  - 21. Park, C. B.; Larsson, N.: Mitochondrial DNA mutations in disease and aging. *Journal of cell biology* 2018, 1-10.
  - 22. Sharma, H.; Singh, A.; Sharma, C.; Jain, S. K.; Singh, N.: Mutations in the mitochondrial DNA D-loop region are frequent in cervical cancer. *Cancer Cell International* 2005, 5, 1-6.
  - 23. Kocher, T. D.; Thomas, W. K.; Meyer, A.; Edwards, S. V.; Paabo, S.; Villablanca, F. X.: Dynamics of mitochondrial DNA evolution in animals: amplification and sequencing with conserved primers. *Proc Natl Acad* 1989, 86(16), 6196-6200
  - 24. Abd-Elsalam, K. A.: Bioinformatic tools and guideline for PCR primer design. *African Journal of Biotechnology* 2003, 2(5), 91-95.
  - 25. Ahmed, M.; Salah, M.; El-Hanafy.: Application of species-specific polymerase chain reaction and cytochrome b gene for different meat species authentication. *Biotechnology* 2007, 6(3), 426-430.
  - 26. Yilmaz, M.; Ozic, C.; Gok, I.: Principles of nucleic acid separation by agarose gel electrophoresis 2012, 36-40.
  - 27. Qiagen.: DNeasy mericon food Handbook. QIAGEN Sample and Assay Technologies. 2014, 24.
  - 28. Nihayati, K.; Khoiriyah, R. A.: Deteksi fragmen DNA rendah pengkode gen sitokrom b ( cyt b ) babi pada sampel mie instan menggunakan metode polymerase chain reaction ( PCR ). *Biotropic the Journal of Tropical Biology* 2017, 1(1), 17-22.