

## DAFTAR KEPUSTAKAAN

- Asif, M. 2011. Health Effects Of Omega-3,6,9 Fatty Acids: Perilla Frutescens Is A Good Example Of Plant Oils. *Orient Pharm Exp Med* (2011) 11:51–59.
- DrugBank. Alpha-Linolenic Acid. Diakses 14 November 2019, 06:19 WIB <https://www.drugbank.ca/drugs/db00132>
- DrugBank. Linoleic acid. Diakses 14 November 2019, 08:00 WIB <https://www.drugbank.ca/drugs/DB14104>.
- Ellefson, W.C. 2017. Fat Analysis. In Nielsen S. S., editor. *Food Analysis*. Switzerland. Springer International Publishing. pp. 299-314.
- FDA. (2015) Guidelines for the validation of chemical methods for the FDA FVM Program, 2<sup>nd</sup> Edition, US Food and Drug Administration. Office of Food and Veterinary Medicine, from <https://www.fda.gov/media/81810/download>
- Ganjar, I.G.G. dan A. Rohman. 2012. Kimia Farmasi Analisis. Yogyakarta: Pustaka Pelajar.
- Gao, C., J. Miller, P.F. Middleton, Y. Huang, A.J. McPhee, R. A. Gibson. 2019. Changes to breast milk fatty acid composition during storage, handling and processing: A systematic review. *J. Prostaglandins, Leukotrienes and Essential Fatty Acids* (146) 1–10.
- Golay P.A. and Y. Dong. 2015. Determination of Labeled Fatty Acids Content in Milk Products, Infant Formula, and Adult/Pediatric Nutritional Formula by Capillary Gas Chromatography *Journal of AOAC International* Vol. 98, No. 6, 2015 1679. 18 p.
- Golay, P. A., Moulin, J., & Collaborators: Alewijn M Braun U Choo LF Cruijsen H Delmonte P Fontech J Holroyd S Hostetler G Lacoste F Lehmann C Nagelholt L Phillips S Ritvanen T Rizzo A Shimelis O Srigley C Sullivan D Trossat P. 2016. Determination of labeled fatty acids content in milk products, infant formula, and adult/pediatric nutritional formula by capillary gas chromatography: Collaborative study, final action 2012.13. *Journal of AOAC International*, 99(1), 210-222.
- Grob, R.L. and E.F. Barry. 2004. *Modern Practice of Gas Chromatography*, Fourth Edition. USA: John Wiley & Sons, Inc.
- Harmita, H. 2012. Petunjuk pelaksanaan validasi metode dan Cara Perhitungannya. *Pharmaceutical Sciences and Research (PSR)*, 1(3), 117-135
- Ismail BP. Basic Principles of Chromatography. In: Nielsen SS (eds). *Food Analysis*. Switzerland. Springer International Publishing. pp. 187-211.
- ISO 9000:2015, Quality Management Systems: Fundamentals and Vocabulary, ISO, Geneva, Switzerland, from: <https://www.iso.org/obp/ui/#iso:std:iso:9000:ed-4:v1:en>, point: 3.8.13

- ISO/IEC 17025:2005, General requirements for the competence of testing and calibration laboratories, Third Edition, 2017-11, Geneva, Switzerland, from: [http://nbsm.gov.np/uploads/files/ISO\\_IEC\\_17025\\_2017\(E\)-Character\\_PDF\\_document.pdf](http://nbsm.gov.np/uploads/files/ISO_IEC_17025_2017(E)-Character_PDF_document.pdf), point:7.2.2.1, halaman: 11
- IUPAC - Harmonized Guidelines for Single Laboratory Validations of Methods of / analysis. Pure Appl. Chem. 74(5), 2002, p 835-855. from: <http://publications.iupac.org/pac/2002/pdf/7405x0835.pdf>
- Kitson, F. G., B.S. Larsen and C.N. McEwen. 1996. Gas Chromatography and Mass Spectrometry A Practical Guide.USA: Academic Press, Inc.
- Koletzko B., S. E. Carlson, J. B. V. Goudoever. 2015. Should Infant Formula Provide Both Omega-3 DHA and Omega-6 Arachidonic Acid? [editorial]. Ann Nutr Metab 2015;66:137–138.
- Li. Z., S. P. Kotoski, C. T. Srigley. 2019. Matrix Extension Validation of AOCS Ce 2c-11 for Omega-3 Polyunsaturated Fatty Acids in Conventional Foods and Dietary Supplements Containing Added Marine Oil. J Am Oil Chem Soc (2019). 14 p.
- McNair H.M., and J.M. Miller. 2009. Basic Gas Cromatography Second Edition. USA: John Wiley & Sons, Inc.
- National Center for Biotechnology Information. PubChem Database. Linolenic acid, CID=5280934, <https://pubchem.ncbi.nlm.nih.gov/compound/Linolenic-acid> (accessed on Nov. 14, 2019)
- National Center for Biotechnology Information. PubChem Database. Linoleic acid,CID=5280450, <https://pubchem.ncbi.nlm.nih.gov/compound/Linoleic-acid> (accessed on Nov. 14, 2019)
- Okunola AO, S. Caciatore., M.P. Nicol., E. Toit. 2020. Review: The Determinants of the Human Milk Metabolome and Its Role in Infant Health. Metabolites, 10 (2), 77.
- Omar TA dan J. Salimon. 2013. Validation and application of a gas chromatographic method for determining fatty acids and trans fats in some bakery products. Journal of Taibah University for Science 7. 56–63.
- Petrovic M, N. Kezic N dan V. Bolanc. 2010. Optimization of the GC method for routine analysis of the fatty acid profile in several food samples. Food Chemistry 122. 285–291.
- Qian MC, Peterson DG, Reineccius. Gas Chromatography. In: Nielsen SS (eds). Food Analysis. Switzerland. Springer International Publishing. pp. 229-251.
- Rohman, A dan I.G. Gandjar. 2013 Analisis Obat secara Spektofotometri dan Kromatografi. Pustaka Pelajar. Bab X:466-467.
- Rowe, R.C., P.J. Sheskey, M.E. Quinn. 2009. Handbook of Pharmaceutical Excipients. USA: Pharmaceutical Press and American Pharmacists Association

- Satchithanandam S., J. Fritsche, And J. I. Rader. 2001. Extension of AOAC Official Method 996.01 to The Analysis of Standard Reference Material (SRM) 1846 and Infant Formulas. Journal of AOAC International Vol. 84, No. 3, 2001. 11p.
- Schneider, N. and C.L.G. Rodenas. 2017. Early Nutritional Interventions for Brain and Cognitive Development in Preterm Infants: A Review of the Literature. *Nutrients*, 9, 187. 20 p.
- Serafim V., D. A. Tiugan, N. Andreeescu, A. Mihailescu, C. Paul, I. Velea, M. Puiu and M. D. Niculescu. 2019. Development and Validation of a LC-MS/MS-Based Assay for Quantification of Free and Total Omega 3 and 6 Fatty Acids from Human Plasma. *J. Molecules* 2019, 24, 360. 11 p
- Shahidi F. and P. Ambigaipalan. 2018. Annual Review of Food Science and Technology: Omega-3 Polyunsaturated Fatty Acids and Their Health Benefits. *Annu. Rev. Food Sci. Technol.* 2018. 9:16.1–16.37.
- United States Phamacopeia (USP) edisi 39 Tahun 2016. 39. Omega-3-Acid Ethyl Esters Capsules.
- United States Phamacopeia (USP) edisi 39 Tahun 2016. 39. Omega-3 Acid Triglycerides.
- Vicente, J.P., J.E. Romero and S.C. Brach, 2015, Analytical Separation Science, First Edition. Edited by Jared L. Anderson, Alain Berthod, Verónica Pino Estévez, and Apryll M. Stalcup. 2015 Wiley-VCH Verlag GmbH & Co. KGaA. Published 2015 by Wiley-VCH Verlag GmbH & Co. KGaA., 1757
- Zou Y. dan H. Wu. 2018. Improving the Analysis of 37 Fatty Acid Methyl Esters Using three types of capillary GC columns Application Note Food Testing. Agilent Technologies, Inc. Printed in the USA, November 20, 20185991-8706EN
- [WHO dan Unicef] World Health Organization and United Nations Children's Fund. 2019. Global breastfeeding scorecard 2019. 1-4.
- [Kemenkes] Kementerian Kesehatan Republik Indonesia. 2020. Profil Kesehatan Indonesia Tahun 2019. Jakarta: Pusat Data dan Informasi Kementerian Kesehatan RI. 197 hal.
- [PP] Peraturan Pemerintah Republik Indonesia. Nomor 33 Tahun 2012 tentang Pemberian Air Susu Ibu Eksklusif. Jakarta. 1 Maret 2012. 42 hal.
- [FAO] Food And Agriculture Organization Of The United Nations. 2010. Fats And Fatty Acids In Human Nutrition, Geneva. pp. 180.
- [Perka Badan POM] Peraturan Kepala Badan Pengawas Obat dan Makanan, Nomor 1 Tahun 2018 tentang Pengawasan Pangan Olahan untuk Keperluan Gizi Khusus. Ditetapkan di Jakarta tanggal 28 Februari 2018. 78 hal.
- [Perka Badan POM] Peraturan Kepala Badan Pengawas Obat dan Makanan, Nomor 21 Tahun 2016 tentang Kategori Pangan. Ditetapkan di Jakarta tanggal 24 Mei 2016. 275 hal.