

DAFTAR PUSTAKA

1. Kockler J, Oelgemöller M, Robertson S, Glass BD. Photostability of sunscreens. *J Photochem Photobiol C Photochem Rev* [Internet]. 2012;13(1):91–110. Available from: <http://dx.doi.org/10.1016/j.jphotochemrev.2011.12.001>
2. Cefali LC, Ataide JA, Moriel P, Foglio MA, Mazzola PG. Plant-based active photoprotants for sunscreens. *Int J Cosmet Sci*. 2016;38(4):346–53.
3. Tranggono, Lathifah. *Buku Pegangan Ilmu Pengetahuan Kosmetik*. Jakarta: Gramedia Pustaka Utama; 2007.
4. Ebrahimzadeh MA, Enayatifard R, Khalili M, Ghaffarloo M, Saeedi M, Charati JY. Correlation between sun protection factor and antioxidant activity, phenol and flavonoid contents of some medicinal plants. *Iran J Pharm Res*. 2014;13(3):1041–8.
5. Annuaikit T, Boonme P. Formulation and Characterization of Sunscreen Creams with Synergistic Efficacy on SPF by Combination of UV Filters. *J Appl Pharm Sci*. 2013;3(08):001–5.
6. Stevanato R, Bertelle M, Fabris S. Photoprotective Characteristics of Natural Antioxidant Polyphenols. *Regul Toxicol Pharmacol* [Internet]. 2014;69(1):71–7. Available from: <http://dx.doi.org/10.1016/j.yrtph.2014.02.014>
7. Rejeki S, Wahyuningsih SS. Formulasi Gel Tabir Surya Minyak Nyamplung (Tamanu Oil) dan Uji Nilai SPF Secara In Vitro. *Univ Res Colloq*. 2015;97–103.
8. Said T, Dutot M, Martin C, Beaudeau JL, Boucher C, Enee E, et al. Cytoprotective effect against UV-induced DNA damage and oxidative stress: Role of new biological UV filter. *Eur J Pharm Sci*. 2007;30(3–4):203–10.
9. Raharivelomanana P, Ansel J-L, Lupo E, Mijoun L, Guilot S, Butaud J-F, et al. Tamanu oil and skin active properties: From traditional to modern cosmetic uses. *NCBI*. 2018;25(5):D504.
10. Choquet B, Couteau C, Papis E, Coiffard LJM. Flavonoids and polyphenols, molecular families with sunscreen potential: Determining effectiveness with an in vitro method. *Nat Prod Commun*. 2009;4(2):227–30.
11. Shanmugapriya, Chen Y, Jothy SL, Sasidharan S. *Calophyllum inophyllum*: A medical plant with multiple curative values. *Res J Pharm Biol Chem Sci*. 2016;7(4):1446–52.

12. Syakir M, Karmawati E. Tanaman Perkebunan Penghasil Bahan Bakar Nabati (BBN). Jakarta: Badan Penelitian dan Pengembangan Pertanian; 2009. 47-95 p.
13. Leu T, Raharivelomanana P, S S, Biachini J, Herbette G, Faure R. New tricyclic and tetracyclic pyranocoumarins with an unprecedented C-4 substituent. Structure elucidation of tamanolide, tamanolide D and tamanolide P from *Calophyllum inophyllum* of French Polynesia. *Magn Reson Chem*. 2009;47:989–93.
14. Dweck A., Meadows T. Tamanu (*Calophyllum inophyllum*) - The African, Asian, Polynesian and Pacific Panacea. *Int J Cosmet Sci*. 2002;24:341–8.
15. Ansel J, Lupo E, Mijoun L. Biological activity of Polynesian *Calophyllum inophyllum* oil extract on human skin cells. *Planta Med*. 2016;82((11-12)):961–6.
16. Rejeki S. Ekstraksi Dan Penetapan Nilai SPF Minyak Nyamplung Dengan Metode Spektrofotometri (Extraction And SPF Value Determination Of Tamanu Oil By Spectrofotometri Methode). *Indones J Med Sci*. 2015;2(1):7–10.
17. Léguillier T, M L-B, C L. The wound healing and antibacterial activity of five ethnomedical *Calophyllum inophyllum* oils: an alternative therapeutic strategy to treat infected wounds. *PLoS One*. 2015;10(9):e0138602.
18. Zakaria M Bin, Vijayasekaran, Ilham Z, Muhamad NA. Anti-inflammatory Activity of *Calophyllum Inophyllum* Fruits Extracts. *Procedia Chem* [Internet]. 2014;13:218–20. Available from: <http://dx.doi.org/10.1016/j.proche.2014.12.031>
19. Ansel J-L, Lupo E, Mijouin L, Guillot S, Butaud J-F, Ho R, et al. Biological Activity of Polynesian *Calophyllum inophyllum* Oil Extract on Human Skin Cells. *Planta Med*. 2016;1–3.
20. Nguyen V-L, Truong C-T, Nguyen BCQ et al. Antiinflammatory and wound healing activities of calophyllolide isolated from *Calophyllum inophyllum* Linn. *PLoS One*. 2017;12(10): e0.
21. Winarno FG. *Kimia Pangan dan Gizi*. Jakarta: Gramedia Pustaka Utama; 2008.
22. Rahardjo P. *Panduan Budidaya dan Pengolahan Kopi Arabika dan Robusta*. Jakarta: Penebar Swadaya; 2012.
23. Najiyati S, Danarti. *Kopi: Budidaya dan Penanganan Lepas Panen*. Jakarta: Penebar Swadaya; 1999.
24. Farah A. Coffee Constituents. *Coffee Emerg Heal Eff Dis Prev*. 2012;21–58.

25. Nuhu AA. Bioactive Micronutrients in Coffee: Recent Analytical Approaches for Characterization and Quantification. *ISRN Nutr.* 2014;2014:1–13.
26. Esquivel, Jimenez. Functional Properties of Coffee and Coffee By-Products. *Food Res International.* 2012;48:488–95.
27. Farhaty N, Muchtaridi. Tinjauan Kimia Dan Aspek Farmakologi Senyawa Asam Klorogenat Pada Biji Kopi: Review. *Farmaka Suplemen.* 2014;14(1):214–27.
28. Bessada SM., Alves RC, Oliveira MBP. Coffee Silverskin: A Review on Potential Cosmetic Applications. *Cosmetics.* 2018;5(5):1–11.
29. Depkes RI. Farmakope Herbal Indonesia Edisi I 2008.pdf. Jakarta: Departemen Kesehatan RI; 2008.
30. Syamsuni. Farmasetika Dasar dan Hitungan Farmasi. Jakarta: Penerbit Buku Kedokteran EGC; 2006.
31. Depkes RI. Parameter Standar Umum Ekstrak Tumbuhan. Jakarta: Departemen Kesehatan RI; 2000.
32. Adi Pratama W, Zulkarnain AK. Uji Spf In Vitro dan Sifat Fisik Beberapa Produk Tabir Surya Yang Beredar Di Pasaran. *Maj Farm.* 2015;11(1):275–83.
33. Donglikar MM, Deore SL. Sunscreens: A review. *Pharmacogn J.* 2016;8(3):171–9.
34. D’Orazio J, Jarrett S, Amaro-Ortiz A, Scott T. UV radiation and the skin. *Int J Mol Sci.* 2013;14(6):12222–48.
35. Matsui MS, Hsia A, Miller JD, Hanneman K, Scull H, Cooper KD, et al. Non-sunscreen photoprotection: Antioxidants add value to a sunscreen. *J Investig Dermatology Symp Proc.* 2009;14(1):56–9.
36. Wolff K, Goldsmith L, Katz S, Gilchrest B, Paller A, Leffell D. *fitzpatrick’s Dermatology in General Medicine.* 7th Editio. New York: McGraw-Hill; 2008.
37. Hadi. Penentuan Konsentrasi Efektif In Vitro Senyawa Butil Metoksidibenzoilmetan Dalam Sediaan Gel Karbomer Sebagai Tabir Surya. Universitas Airlangga; 1991.
38. Nahhas AF, Kohli ZAAI, Braunberger TL, Lim HW, Hamzavi IH. The potential role of antioxidants in mitigating skin hyperpigmentation resulting from ultraviolet and visible light- - induced oxidative stress. 2019;(August 2018):420–8.

39. Zainuddin S. Formulasi Uji Mutu Fisik Aktivitas Krim Kombinasi Ekstrak Herba Pegagan (*Centella Asiatica L.*) dan Minyak Zaitun Sebagai Tabir Surya Secara In Vitro. Vol. 2002. Universitas Setia Budi; 2016.
40. Standing S. Gray's Anatomy: The Anatomical Basis for Clinical Practice. 40th ed. London: Elsevier Churchill-Livingstone; 2008.
41. Kalangi SJR. Histofisiologi Kulit. *J Biomedik*. 2014;5(3):12–20.
42. Phatak M. Sunscreens : Topical and Systemic Approaching for Protection For Human Skin Against Harmful Effect Of Solar Radiation. *J Am Acad Dermatologies*. 1982;
43. Draelos Z., Thaman L. *Cosmetic Formulation of Skin Care Product*. 3rd ed. New York: Taylor & Francis Group; 2015.
44. Donglikar MM, Deore SL. Development and evaluation of herbal sunscreen. *Pharmacogn J*. 2017;9(1):83–97.
45. Wilkonson J., Moore R. *Harry's Cosmetology*. 7th ed. New York: Chemical Publishing Company; 1982.
46. Lavi N. *Sunscreen For Travelers*. University of Udayana; 2012.
47. Lowe NJ, Shaath NA. *Sunscreen Development, Evaluation and Regulatory Espect*. New York: Marcel Dekker; 2000.
48. Dutra E, Olivera D. Determination of Sun Protecting Factor (SPF) of Sunscreen by Ultraviolet Spectrophotometry. *Brazilian Journal Of Pharmaceutical Sciences*. MI. 2004;
49. Iskandar S. *Bagaimanakah tabir surya bekeja*. Jakarta: Gaug Persada Press; 2008.
50. Depkes RI. *Farmakope Indonesia*. III. Jakarta: Departemen Kesehatan RI; 1979.
51. Depkes RI. *FarmakopeIndonesia*. IV. Jakarta: Departemen Kesehatan RI; 1995.
52. Depkes RI. *Farmakope Indonesia*. Edisi 5. Jakarta: Departemen Kesehatan RI; 2014.
53. Lachman L, Lieberman H., Kanig J. *Teori dan Praktek Farmasi Industri*. 2nd ed. Jakarta: UI Press; 1994.
54. Voigt R. *Buku Pelajaran Teknologi Farmasi*. Penerjemah Dr. Soendani Noerono. 5th Editio. Yogyakarta: Gadjah Mada University Press; 1995.
55. Hallstar. *Olivem 1000 ®*. In 2003.

56. Srl BATB& T. OLivem ® 1000. Prod Lit. 2002;(November):1–10.
57. Rowe RC, Sheskey PJ, Quinn ME. Handbook Of Pharmaceutical Excipients. 6th Editio. London: Pharmaceutical Press; 2009.
58. Suárez-Quiroz ML, Alonso Campos A, Valerio Alfaro G, González-Ríos O, Villeneuve P, Figueroa-Espinoza MC. Isolation of green coffee chlorogenic acids using activated carbon. J Food Compos Anal. 2014;33(1):55–8.
59. Ahmad AR, Juwita J, Ratulangi SAD. Penetapan Kadar Fenolik dan Flavonoid Total Ekstrak Metanol Buah dan Daun Patikala (*Etlingera elatior* (Jack) R.M.SM). Pharm Sci Res. 2015;2(1):1–10.
60. Hakim ZR, Meliana D, Utami PI. Formulasi dan Uji Sifat Fisik Sediaan Lulur Krim dari Ekstrak Etanol Daun Sirsak (*Annona muricata* L.) serta Penentuan Aktivitas Antioksidannya. J Sains Farm Klin. 2020;7(2):135.
61. Dewi R, Anwar E, S YK. Uji Stabilitas Fisik Formula Krim yang Mengandung Ekstrak Kacang Kedelai (*Glycine max*). Pharm Sci Res. 2014;1(3):194–208.
62. Prafita N. Optimasi Formula Krim Tabir Surya Ekstrak Tomat (*Solanum lycopersium* L) terpurifikasi menggunakan Surfaktan Olivem dan Fase Minyak VCO. Universitas Andalas; 2019.
63. Ditjen POM. Formularium Kosmetik Indonesia. Jakarta: Departemen Kesehatan RI; 1985.
64. Annisa Z. Penetapan Kadar Fenolik Total, Flavonoid Total, dan Uji Antioksidan Pada Ekstrak Dan Fraksi daun Jeruju (*Acanthus ilicifolius* L.). Skripsi. Padang: Universitas Andalas; 2019.
65. Swastika NSP A, Mufrod P. Antioxidant Activity Of Cream Dosage Form Of Tomato Extract (*Solanum lycopersicum* L.). Tradit Med J. 2013;18(3):132–40.
66. Bouftira I, Abdelly C SS. Characterization of cosmetic cream with *Mesembryanthemum crystallinum* plant extract : influence of formulation composition on physical stability and anti-oxidant activity. Int J Cosmet Sci. 2008;30:443–52.
67. Ghica MV, Hîrjau M, Lupuleasa D D-PC. Flow and Thixotropic Parameters for Rheological Characterization of Hydrogels. Molecules. 2016;21(786):1–17.
68. Ansel HC. Pengantar Bentuk Sediaan Farmasi. Edisi IV. Jakarta: UI Press; 2005.
69. Hamsinah H, Darijanto SD, Mauluddin R. Uji Stabilitas Formulasi Krim Tabir Surya Serbuk Rumput Laut (*Eucheuma cottonii*. Doty). J Fitofarmaka

Indones. 2016;3(2):155–8.

70. Yulianti E, Adelsa A, Putri A. Penentuan nilai SPF (Sun Protection Factor) Ekstrak Etanol 70 % Temu Mangga (*Curcuma mangga*) dan Krim Ekstrak Etanol 70 % Temu Mangga (*Curcuma mangga*) secara In Vitro Menggunakan Metode Spektrofotometri The Determination of SPF (Sun Protection Factor) Val. Maj Kesehat FKUB. 2015;2(1).
71. Yuliawati KM, Sadiyah ER, Solehati R, Elgiawan A. Sunscreen Activity Testing of Robusta Coffee (*Coffea canephora ex Froehner*) Leave Extract and Fractions Pengujian Aktivitas Tabir Surya Ekstrak dan Fraksi Daun Kopi Robusta (*Coffea canephora*). Indones J Pharm Sci Technol. 2019;1(1):24–9.

