

DAFTAR PUSTAKA

- Ahmad, Z. dan Damayanti. 2018. Penuaan Kulit: Patofisiologi dan Manifestasi Klinis. *Berkala Ilmu Kesehatan Kulit dan Kelamin-Periodical of Dermatology and Venereology*. 30. (3): 208 - 215.
- Allen, L.V., and Ansel, H.C., 2014. *Ansel's Pharmaceutical Dosage Forms and Drug Delivery Systems*. 10th ed. Lippincott Williams & Wilkins, a Wolters Kluwer business. Philadelphia.
- Arsiningtyas, I.S. 2021. Antioxidant Profile of Heartwood and Sapwood of *Caesalpinia sappan* L. Tree's Part Grown in Imogiri Nature Preserve, Yogyakarta. *IOP Conference Series Earth and Environmental Science*. 810. 7.
- Baki, G., and Alexander, K.S. 2015. *Introduction to Cosmetic Formulation and Technology*. John Wiley & Sons, Inc. USA.
- Florence, A.T., and Attwood, D. 2016. *Physicochemical Principles of Pharmacy*. 6th ed. Pharmaceutical Press, UK.
- Forestryana, D., Fahmi, M.S., dan Putri, A.N. 2020. Pengaruh Jenis dan Konsentrasi *Gelling Agent* pada Karakteristik Formula Gel Antiseptik Ekstrak Etanol 70% Kulit Buah Pisang Ambon. *Lambung Farmasi: Jurnal Ilmu Kefarmasian*. 1. (2): 45 - 51.
- Gad, S.C. 2008. *Pharmaceutical Manufacturing Handbook*. John Wiley & Sons, Ltd. Canada.
- Global Cosmetic Industry. February, 2021. Skin Care 2021. *Allured Business Media*. Hal. 5.
- Hasriyani, Novita, K., Djamal, J.M., Murharyanti, R., dan Etikasari, R. 2021. Uji Sifat Fisik Gel Ekstrak Herba Pegagan (*Centella asiatica* (L.) Urban) dengan Variasi Konsentrasi Carbopol Sebagai *Gelling Agent*. *The 13th University Research Colloqium 2021 Sekolah Tinggi Ilmu Kesehatan Muhammadiyah Klaten*. 329 - 335.
- Hyunh-Ba, K. 2010. *Pharmaceutical Stability Testing to Support Global Markets*. American Association of Pharmaceutical Scientists. USA. 148 - 149.
- Kamishita, T., Miyazaki, T., and Okuno, Y. 1992. Spray Gel Base and Spray Gel Preparation Using Thereof. United States Patent. US. Hal. 8.
- Kementerian Kesehatan Republik Indonesia. 2020. *Farmakope Indonesia*. Edisi VI. Kementerian Kesehatan RI. Jakarta Selatan.

- Kementerian Kesehatan RI. 2017. *Farmakope Herbal Indonesia*. Edisi II. Kementerian Kesehatan Republik Indonesia. Jakarta.
- Lachman, L., Lieberman, H.A., dan Kanig, J.L. 1994. *Teori dan Praktek Farmasi Industri*. Edisi III. UI. Jakarta.
- Mittal, K.L., and Bui, H.S. 2021. *Surface Science and Adhesion in Cosmetics*. Scrivener Publishing LLC. USA.
- Mohan, R., Singh, S., Kumar, G., and Srivastava, M. 2020. Evaluation of Gelling Behavior of Natural Gums and their Formulation Prospects. *Indian Journal Pharmaceutics Education and Research*. 54. (4): 1016–1023.
- Nabila, Y.A., Damayanti, D., Handayani, S., dan Setyaningrum, T. 2021. The Effect of Lifestyle on Skin Aging. *Berkala Ilmu Kesehatan Kulit dan Kelamin*. 33. (2): 110.
- Ngamwonglumlert, L., Devahastin, S., Chiewchan, N., and Raghavan, G.S.V. 2020. Color and Molecular Structure Alterations of Brazilain Extracted from *Caesalpinia sappan* L. Under Different pH and Heating Conditions. *Scientific Reports*. 10. (1): 1–10.
- Nielsen, S.S. 2010. *Food Analysis*. 4th ed. Springer Science+Business Media LLC. USA.
- Nirmal, N.P., Rajput, M.S., Prasad, R.G.S.V., and Ahmad, M. 2015. Brazilin from *Caesalpinia sappan* Heartwood and Its Pharmacological Activities: A review. *Asian Pacific Journal of Tropical Medicine*. 8. (6): 421–430.
- Nomer, N.M.G.R., Duniaji, A.S., dan Nocianitri, K.A. 2019. Kandungan Senyawa Flavonoid dan Antosianin Ekstrak Kayu Secang (*Caesalpinia Sappan* L.) Serta Aktivitas Antibakteri Terhadap *Vibrio Cholerae*. *Jurnal Ilmu dan Teknologi Pangan*. 8. (2): 216–225.
- Patel, J., Patel, B., Banwait, H., Parmar, K., Patel, M. 2011. Formulation and Evaluation of Topical Diclofenac Sodium Gel Using Different Gelling Agent. *International Journal of Drug Development and Research*. 3. (1): 1–9.
- Pizzino, G., Irrera, N., Cucinotta, M., Pallio, G., Mannino, F., Arcoraci, V., Squadrito, F., Altavilla, D., and Bitto, A. 2017. Oxidative Stress: Harms and Benefits for Human Health. *Oxidative Medicine and Cellular Longevity*. 2.
- Putri, B.M., Sugiarto, Wasita, B., and Febrinasari, R.P. 2021. Antioxidant Activity of Ethanol Extract of Secang Wood (*Caesalpinia sappan* L.), Gotu Kola (*Centella asiatica* L.), and Their Combinations with DPPH

Assay. *2nd International Conference of Health, Science and Technology*. 45 - 49.

Rahmania, F.J., Bratadiredja, M.A., Muhaimin, and Chaerunisaa, A.Y. 2020. Formulation of Antioxidant Emulgel containing Beluntas China (*Gynura pseudochina* (L.) DC). *Indonesian Journal of Pharmaceutics*. 2. (1): 20–26.

Riyanto. 2019. *Validasi dan Verifikasi Metode Uji: Sesuai dengan ISO/IEC 17025* Laboratorium Pengujian dan Kalibrasi. Deepublish Publisher. Yogyakarta.

Rowe, R.C., Sheskey, P.J., and Quinn, M.E. 2009. *Handbook of Pharmaceutical Excipients*. 6th ed. Pharmaceutical Press and American Pharmacists Association. USA.

Saidi, N., Ginting, B., Murniana, dan Mustanir. 2018. *Analisis Metabolis Sekunder*. Syiah Kuala University Press. Banda Aceh.

Santo, A., Zhu, H., and Li, Y.R. 2016. Free Radicals: From Health to Disease. *Reactive Oxygen Species*. 2. (4): 245 - 263.

Sinko, P.J. 2011. *Martin's Physical Pharmacy and Pharmaceutical Sciences*. 6th ed. Lippincott Williams & Wilkins. Philadelphia.

Tranggono, R.I., dan Latifah, F. 2013. *Buku Pegangan Ilmu Pengetahuan Kosmetik*. Gramedia Pustaka Utama. Jakarta.

Vandiver, A.R., and Hogan, S.R. 2020. Aging Skin and Non-surgical Procedures: A Basic Science Overview. *Plastic and Aesthetic Research*. 190. (7): 1 - 14.

Yusharyahya, S.N., 2021. Mekanisme Penuaan Kulit sebagai Dasar Pencegahan dan Pengobatan Kulit Menua. *eJournal Kedokteran Indonesia*. 9. (2): 150–159.

Yusuf, N.A., and Fatmawaty, A. 2017. Formulation and In Vivo Effectiveness Test of Albumin Gel Isolated From White Egg As Anti-Aging. *Journal of Pharmaceutical and Medicinal*. 2. (1): 9 - 12

LAMPIRAN

Lampiran 1. Skema Kerja Penelitian

