

DAFTAR PUSTAKA

- Agustiani, F.R.T., Sjahid, L.R., Nursal, F.K., 2022. Kajian Literatur : Peranan Berbagai Jenis Polimer Sebagai Gelling Agent Terhadap Sifat Fisik Sediaan Gel. *Majalah Farmasetika* 7, 270–287. <https://doi.org/10.24198/mfarmasetika.v7i4.39016>
- Al-Haq, F.A.-S., Yuliawati, K.M., Lukmayani, Y., 2022. Penelusuran Pustaka Ekstrak Bonggol dan Kulit Buah Nanas (*Ananas comosus* L. Merr.) sebagai Antibakteri. *Bandung Conference Series: Pharmacy* 2, 145–153. <https://doi.org/10.29313/bcsp.v2i2.3626>
- Arlan, R.Y., 2021. UJI AKTIVITAS TABIR SURYA EKSTRAK ETANOL BONGGOL NANAS (*ANANAS COMOSUS* (L.). MERR) DALAM SEDIAAN LOTION. *UMN AL-WASHLIYAH* 17 FAR 2021.
- Arshad, Z.I.M., Amid, A., Yusof, F., Jaswir, I., Ahmad, K., Loke, S.P., 2014. Bromelain: an overview of industrial application and purification strategies. *Appl Microbiol Biotechnol* 98, 7283–7297. <https://doi.org/10.1007/s00253-014-5889-y>
- Australian Government, 2008. The Biology of *Ananas comosus* var. *comosus* (Pineapple). Department of Health and Ageing Office of The Gene Technology Regulator.
- BPOM, 2015. WASPADA KOSMETIKA MENGANDUNG BAHAN BERBAHAYA [WWW Document]. URL <https://www.pom.go.id> (accessed 5.26.24).
- Chasanah, N., Saadah, N., Triana, D.E., 2023. Uji Antibakteri Ekstrak Bonggol Nanas Madu (*Ananas Comosus* L.Merr) terhadap Bakteri *Porphyromonas Gingivalis*. *Bhakta Dental Journal* 1, 13–18.
- Chu, P.H., Jenol, M.A., Phang, L.Y., Ibrahim, M.F., Prasongsuk, S., Bankeeree, W., Punnapayak, H., Lotrakul, P., Abd-Aziz, S., 2021. Starch extracted from pineapple (*Ananas comosus*) plant stem as a source for amino acids production. *Chemical and Biological Technologies in Agriculture* 8, 29. <https://doi.org/10.1186/s40538-021-00227-6>
- Departemen Kesehatan RI, 2017. Farmakope Herbal Indonesia Edisi II. Kemenkes RI.
- Endarini, L.H., 2016. Farmakognosi dan Fitokimia. Kementerian Kesehatan RI.
- Fairish, N.L., Amelia, A., Putri, D.R., Afriliany, S.P., Kamilah, S., Fikayuniar, L., 2023. Perbandingan Hasil Skrining Fitokimia dari Metode Tabung, TLC (Thin Layer Chromatography) dan Penetapan Kadar Sari dalam Bijian Kopi

- Hijau. Jurnal Ilmiah Wahana Pendidikan 9, 115–124.
<https://doi.org/10.5281/zenodo.8232358>
- Firdausi, J., 2021. Uji mutu fisik gel dari sari buah nanas (*Ananas comusus* (L.) Merr) sebagai pelembab kulit. Jurnal Ilmiah Farmasi Attamru (JIFA) 2, 20–26.
<https://doi.org/10.31102/attamru.v2i1.1265>
- Fissore, A., Marengo, M., Santoro, V., Grillo, G., Oliaro-Bosso, S., Cravotto, G., Piaz, F.D., Adinolfi, S., 2023. Extraction and Characterization of Bromelain from Pineapple Core: A Strategy for Pineapple Waste Valorization. Processes (Multidisciplinary Digital Publishing Institute) 11, 2064.
<https://doi.org/10.3390/pr11072064>
- Fitri, R.M., Lubis, M.S., Dalimunthe, G.I., Yuniarti, R., 2023. Skrining fitokimia, formulasi dan uji mutu fisik nanoserum ekstrak bonggol nanas (*Ananas comusus* (L.) Merr). Journal of Pharmaceutical and Sciences 1346–1355.
<https://doi.org/10.36490/journal-jps.com.v6i3.207>
- Forestryana, D., Arnida, 2020. PHYTOCHEMICAL SCREENINGS AND THIN LAYER CHROMATOGRAPHY ANALYSIS OF ETHANOL EXTRACT JERUJU LEAF (*HYDROLEA SPINOSA* L.). Jurnal Ilmiah Farmako Bahari 11, No: 2, 113–124.
- Hujjatusnaini, N., Indah, B., Afriti, E., Widyastuti, R., Ardiansyah, A., 2021. Buku Referensi Ekstraksi. IAIN Palangka Raya, Palangka Raya.
- Ibrahim, A.A.E., Bagherani, Nooshin, Smoller, B., Bagherani, Negin, Reyes-Barron, C., 2022. Anatomy and Organization of Human Skin, in: Smoller, B., Bagherani, Nooshin (Eds.), Atlas of Dermatology, Dermatopathology and Venereology: Cutaneous Anatomy, Biology and Inherited Disorders and General Dermatologic Concepts. Springer International Publishing, Cham, pp. 109–132. https://doi.org/10.1007/978-3-319-53811-2_3
- Indrawati, T., Zissakina, F., 2011. Formulasi Gel Pengelupas Sel Kulit Mati yang Mengandung Sari Buah Nanas (*Ananas comusus* L) antara 17 sampai 78% 9.
- Kementerian Kesehatan RI, 2020. Farmakope Indonesia Edisi VI. Kementerian Kesehatan RI, Jakarta.
- Klau, M.L.C., Indriarini, D., Nurina, R.L., 2021. Uji Aktivitas Ekstrak ETANOL DAUN KEMANGI (*OCIMUM SANCTUM* L.) TERHADAP PERTUMBUHAN BAKTERI *ESCHERICHIA COLI* SECARA IN VITRO. Cendana Medical Journal 9, 102–111.
<https://doi.org/10.35508/cmj.v9i1.4942>
- Lestari, U., Yuliawati, Y., Sani, F., Yuliana, Y., Muhaimin, M., 2022. Antioxidant Activities of *Scrub* Body Lotion Extract of Surian Leaves (*Toona sinensis*) with Powder *Scrub* Date Seeds (*Phoenix dactylifera*). Indonesian Journal of

Pharmaceutical Science and Technology 1, 60–69.
<https://doi.org/10.24198/ijpst.v1i1.42828>

- Listiani, P.A.R., 2023. FORMULASI DAN UJI MUTU FISIK SABUN TRANSPARAN EKSTRAK ETANOL BONGGOL NANAS (*Ananas comosus* L.). *Journal Pharmactive* 2, 76–81.
- Malik, F., Suryani, S., Ihsan, S., Meilany, E., Hamsidi, R., 2020. Formulation Of Cream Body *Scrub* From Ethanol Extract Of Cassava Leaves (*Manihot Esculenta*) AS Antioxidant. *JVHS* 4, 21–28.
<https://doi.org/10.20473/jvhs.V4.I1.2020.21-28>
- Mane, S.L., N.Chandakavathe, B., Bhosale, D.S., 2022. . *Epra International Journal of Multidisciplinary Research (IJMR)* 8. <https://doi.org/10.36713/epra2013>
- National Skin Cancer Centres, 2021. What causes dead skin cell build-up [WWW Document]. URL <https://www.skincancercentres.com.au/blog/what-causes-dead-skin-cell-build-up-and-how-can-you-treat-it-1> (accessed 5.26.24).
- Nisa, I.S.A., Janwar, J., Anggraeni, M., Yuniarsih, N., 2022. Pemanfaatan Potensi Limbah Bahan Alam Sebagai Zat Aktif Sediaan Body *Scrub*. *Jurnal Health Sains* 3, 774–781. <https://doi.org/10.46799/jhs.v4i06.514>
- Novia, D., 2020. SKRINING FITOKIMIA EKSTRAK ETANOL DAUN JATI DAN INFUSA DAUN JATI (*Tectona grandis* L.S) DENGAN METODE KROMATOGRAFI LAPIS TIPIS (KLT). *Jurnal Ilmiah Pharmacy* 7, 159–174. <https://doi.org/10.52161/jiphar.v7i2.188>
- Nurlely, N., Rahmah, A., Ratnapuri, P.H., Srikartika, V.M., Anwar, K., 2021. Uji Karakteristik Fisik Sediaan Gel Ekstrak Daun Kirinyuh (*Chromolaena odorata* L.) dengan Variasi Carbopol dan HPMC. *JPS* 8, 79. <https://doi.org/10.20527/jps.v8i2.9346>
- Putra, T.A., Ulfah, M., Bisam, Z.A.N., 2023. Skrining Fitokimia Ekstrak Etanol Umbi Bit (*Beta vulgaris* L.). *JCPS (Journal of Current Pharmaceutical Sciences)* 7, 646–651.
- Qamariah, N., Handayani, R., Mahendra, A.I., 2022. Uji Hedonik dan Daya Simpan Sediaan Salep Ekstrak Etanol Umbi Hati Tanah: Hedonik Test and Storage Test Extract Ethanol the Tubers of Hati Tanah. *Jurnal Surya Medika (JSM)* 7, 124–131. <https://doi.org/10.33084/jsm.v7i2.3213>
- Rahman, F.A., Haniastuti, T., Utami, T.W., 2017. Skrining fitokimia dan aktivitas antibakteri ekstrak etanol daun sirsak (*Annona muricata* L.) pada *Streptococcus mutans* ATCC 35668. *Majalah Kedokteran Gigi Indonesia* 3, 1–7. <https://doi.org/10.22146/majkedgiind.11325>
- Rahmawaty, A., 2020. Peran Perawatan Kulit (Skincare) Yang Dapat Merawat Atau Merusak Skin Barrier. *Berkala Ilmiah Mahasiswa Farmasi Indonesia* 7, 005–010. <https://doi.org/10.48177/bimfi.v7i1.32>

- Riska, A., Prastiwi, R., Halin, H., Hildayanti, S.K., 2023. PELATIHAN PENGOLAHAN PANGAN LOKAL BERBAHAN BAKU NANAS PROGRAM MBKM KKN TEMATIK INDO GLOBAL MANDIRI. JURNAL PENGABDIAN MANDIRI 2, 291–300.
- Rowe, R.C., Sheskey, P.J., American Pharmacists Association, 2009. Handbook of Pharmaceutical Excipients. Pharmaceutical Press.
- Sagita, D., Hartesi, B., Fitri, K., Lufita, L., 2023. KONSENTRASI HAMBAT MINUMUM ENZIM BROMELIN DARI KULIT DAN BONGGOL NANAS (*Ananas comosus* (L.) Merr) TERHADAP *Staphylococcus aureus*. Kartika : Jurnal Ilmiah Farmasi 8, 101–108. <https://doi.org/10.26874/kjif.v8i2.278>
- Sari, A.P., Batubara, I., Nursid, M., 2020. Pengaruh Konsentrasi Etanol dan Waktu Maserasi terhadap Rendemen, Kadar Total Fenol dan Aktivitas Antioksidan Ekstrak Rumput Laut *Padina australis*. Majalah Ilmiah Biologi BIOSFERA: A Scientific Journal 37, 78–84.
- Sayuti, N.A., 2015. Formulasi dan Uji Stabilitas Fisik Sediaan Gel Ekstrak Daun Ketepeng Cina (*Cassia alata* L.). Jurnal Kefarmasian Indonesia 5, 74–82. <https://doi.org/10.22435/jki.v5i2.3500>.
- Sayuti, N.A., 2015. Formulasi dan Uji Stabilitas Fisik Sediaan Gel Ekstrak Daun Ketepeng Cina (*Cassia alata* L.). Jurnal Kefarmasian Indonesia 5, 74–82. <https://doi.org/10.22435/jki.v5i2.3500>.
- Schulz, A., Fuchs, P.C., Oplaender, C., Valdez, L.B., Schiefer, J.L., 2018. Effect of Bromelain-Based Enzymatic Debridement on Skin Cells. Journal of Burn Care & Research 79, 527–535. <https://doi.org/10.1093/jbcr/irx011>
- Silvia, B.M., Dewi, M.L., 2022. Studi Literatur Pengaruh Jenis dan Konsentrasi Basis terhadap Karakteristik Masker Gel Peel Off. JRF 30–38. <https://doi.org/10.29313/jrf.v2i1.702>
- Sudarwati, T.P.L., Ferndana, M.A.H.F., 2019. APLIKASI PEMANFAATAN DAUN PEPAYA (*Carica papaya*) SEBAGAI BIOLARVASIDA TERHADAP LARVA *Aedes aegypti*. Graniti, Surabaya.
- Tara, C.K., 2019. Formulasi Sediaan Krim Anti Inflamasi Sari Bonggol Nanas (*Ananas comosus* (L.) Merr.). Farmasi Poltekkes Kemenkes Jakarta II.
- Thandapani, H., 2020. Uji Efektivitas Antibakteri Ekstrak Bonggol Buah Nanas (*Ananas Comosus*) Terhadap Pertumbuhan Bakteri *Streptococcus Mutans* Secara In Vitro (Thesis). Universitas Sumatera Utara.
- Thomas, N.A., Taupik, M., Djuwarno, E.N., Papeo, D.R.P., Djunaidi, N.N., 2023. Uji Penyembuhan Luka Bakar Gel Enzim Bromelin Menggunakan Carbopol 940 Secara In Vivo. Journal Syifa Sciences and Clinical Research (JSSCR) 5. <https://doi.org/10.37311/jsscr.v5i2.20364>

- Varilla, C., Marcone, M., Paiva, L., Baptista, J., 2021. Bromelain, a Group of Pineapple Proteolytic Complex Enzymes (*Ananas comosus*) and Their Possible Therapeutic and Clinical Effects. A Summary. Multidisciplinary Digital Publishing Institute 10, 2249. <https://doi.org/10.3390/foods10102249>
- Wibawa, I.G.A.E., Winaya, K.K., 2019. KARAKTERISTIK PENDERITA ACNE VULGARIS DI RUMAH SAKIT UMUM (RSU) INDERA DENPASAR PERIODE 2014-2015. JURNAL MEDIKA UDAYANA Vol. 8 No. 11, 1–4.
- Yuniarsih, N., Sari, A.M., 2021. Formulasi dan Evaluasi Stabilitas Fisik Sediaan Gel Face *Scrub* Ekstrak *Cucumis sativus* L. dan Ampas Kelapa. Majalah Farmasetika 6, 152–161. <https://doi.org/10.24198/mfarmasetika.v6i0.36706>
- Yuniarti, R., Dalimunthe, G.I., Lubis, M.S., Arianti, S.A., 2021. FORMULASI SEDIAAN KRIM EKSTRAK ETANOL BUNGA KAMBOJA (*Plumeria acuminata* L.) DAN UJI AKTIVITAS ANTI ACNE. JURNAL FARMANESIA 8, 27–34. <https://doi.org/10.51544/jf.v8i1.3415>
- Yunita, E., Khodijah, Z., 2020. Pengaruh Konsentrasi Pelarut Etanol saat Maserasi terhadap Kadar Kuersetin Ekstrak Daun Asam Jawa (*Tamarindus indica* L.) secara Spektrofotometri UV-Vis. PHARMACY: Jurnal Farmasi Indonesia (Pharmaceutical Journal of Indonesia) 17, 273–280.