

DAFTAR PUSTAKA

- Abderrezzaq. B, DKK (2024), *Application of Plant-Based Coagulants and Their Mechanisms in Water Treatment: A Review*, *Journal of Renewable Materials*, Vol 12 (4) 667-698
- Affourtit, F. M. (2020). *Human health risk assessment of aluminium*. Bilthoven : National Institute for Public Health.
- Aras. M.R.N, Asriani, (2021), Efektifitas Biji Kelor (*Moringa Oleifera L.*) Sebagai Biokoagulan Dalam Menurunkan Cemaran Limbah Cair Industri Minuman Ringan, Vol 10 (1) 42-45
- Ary, P. E. (2017). Perancangan Unit Instalasi Pengolahan Air Minum Kampus Institut Teknologi Sepuluh Nopember. *Jurnal Teknik ITS*, Vol 6 (1) 51-56.
- Baatache. O, DKK (2025), *Optimized Coagulation Flocculation of Drinking Water Using Pine cone-Based Bio-Coagulants: A Comparative Study of Different Extracts*, *Water*, Vol 17 (12) 1-23
- Bhupendra. K, DKK (2022), *Application Of Natural Coagulants In Water Treatment: A Sustainable Alternative To Chemical*, *Advance In Enviromental Pollution Research*, Vol 14 1-27
- Bouaidi, E.W, DKK (2020), *Evaluation Of The Potentiality Of Vicia Faba And Opintia Ficus Indica As Eco-Friendly Coagulant To Mitigate Micryocystus Aeruginosa Bloom, Desalinstion And Water Treatment*, Vol 194 198-213
- Cao, B, DKK (2011), *The Impact Of PH On Floc Structure Characteristic Of Polyferric Chloride In A Low DOC And High Alkalinity Surface Water Tratment*, *Water Research*, Vol 45 (18) 6181-6188
- Ekta, S. A. (2022). The powerful health boosting seeds – Basil seeds: A review. *International journal of scientific research and reviews*, Vol 11 (1) 103-111.
- Fakhriyah. (2021). Integrasi Smart Water Management Berbasis Kearifan Lokal Sebagai Upaya Konservasi Sumber Daya Air di Indonesia. *Indonesian Journal of Conservation*, Vol 10 (1) 41-67.
- Febrianti, A. N. (2024). Biocoagulant Utilization from Java Tamarind Seed and Sweet Orange Peel for Turbidity, COD and BOD reduction in Domestic Wastewater. *Jurnal Serambi Engineering*, Vol 9 (2) 8366-8372.

- Febrina, L. (2019). Efektifitas Tawas Dari Minuman Kaleng Bekas Sebagai Koagulan Untuk Penjernih Air. *Sustainable Environmental and Optimizing Industry Journal*, Vol 1 (1) 71-79.
- Hans, K, Angelica, J, Asaf, A.K.S & Susiana, P, (2020), Potensi Polisakarida Dari Buah-buahan Sebagai Koagulan Alami Dalam Pengolahan Air Dan Limbah Cair, *Jurnal Rekayasa Proses*, Vol 14 (2) 108-127
- Hector. C.B DKK (2021), Basil Seeds as a Novel Food, Source of Nutrients and Functional Ingredients with Beneficial Properties: A Review, *FOODS*, Vol 10 (21) 1-18
- Isabelle A.M.Worms DKK (2010), *Colloidal organic matter from wastewater treatment plant effluents: Characterization and role in metal distribution*, *Water Research*, Vol 44 (1) 340-350
- Kamash Watheg, S. (2024). Synthesis and characterization of a new coagulant PA6/CMC for the removal of water turbidity. *Journal of Kufa for Chemical Sciences*, Vol 3 (2) 93-112.
- Kristianto, H. (2019). Pemanfaatan Ekstrak Protein dari Kacang-kacangan sebagai Koagulan Alami: Review. *Jurnal Rekayasa Proses*, Vol 13 (2) 65-80.
- Kurniawan, B.S, DKK (2020), *Challenges and Opportunities of Biocoagulant/Bioflocculant Application for Drinking Water and Wastewater Treatment and Its Potential for Sludge Recovery*, *International journal of environmental research and public health*, Vol 17 (24) 1-33
- Lwasa. A, Mdee. J.O, Ntalikwa. W.J & Sadiki. N, (2024), *Performance Analysis Of Plant Based Coagulants In Water Purification: A Review*, *Discover Water*, Vol 4 (1) 1-23
- Mackenzie L. Davis, P. P. (2015). *Water and Wastewater Engineering*. New York: McGraw Hill.
- Munir. M, DKK, (2017), *Nutritional Assessment of Basil Seed and its Utilization in Development of Value Adden Beverage*, *Pakistan Journal Of Agricultural Research*, Vol 30 (3) 1-6
- Moussa, O. B. (2022). Characterization of chia seeds. *International Journal of Food Science and Nutrition*, Vol 7 (1) 6-9

- Nisa, T. (2014). Pengaruh Pemberian Tawas Dengan Dosis Bertingkat Dalam Pakan Selama 30 Hari Terhadap Gambaran Histopatologi Ginjal Tikus Wistar. *Jurnal Kedokteran Diponegoro*, Vol 6 (3) 210-221.
- Saputra, H. M. (2023). Parameter Kualitas Air. Padang, Get Press Indonesia.
- Sadaf, N, Idrees. A.W (2023), Protein isolate from basil seeds (*Ocimum basilicum* L.): Physicochemical and functional characterisation, *Food Chemistry Advances*, Vol 3 (11) 1-8
- Shahrajabian, M. H. (2020). *Chemical components and pharmacological benefits of Basil (Ocimum basilicum) : a review. International Journal of Food Properties*, Vol 23 (1) 1961-1970
- Shaon. D, Priyapratim. P & Sagap. P (2021), *Functionalized polysaccharide-based flocculants for solid liquid separation of wastewater*, *Journal of the Indian Chemical Society*, Vol 98 (5) 1-8
- Singh. M., Kishor. B, (2020), *A Review On Removal Of Turbidity And TDS From Water By Using Natural Coagulants*, *IOP Conference Series:Earth And Enviromental Science*, Vol 2 (2) 521-525
- Trisna, Y. (2018). Water Quality and Public Health Complaints in Surrounding Watoetoelis Sugar Mills. *Jurnal Kesehatan Lingkungan*, Vol 10 (2) 220-232.
- Zhang. Y, Roman. Y, Jacob. J.K.K & Corredig. M, (2025), *Effect of salt extraction on composition, structure, and thermal properties of pea protein. Food chemistry*, Vol 486 (3) 1-10
- Zhao. S, DKK (2025), *The Effect Of Polysaccharide Colloids On The Thermal Stability Of Water In Oil Emulsions*, *Polymers*, Vol 17(6) 1-17