

## DAFTAR PUSTAKA

1. Osarolube, E.; Owate, I.; Oforka, N. C.: Corrosion behaviour of mild and high carbon steels in various acidic media. *Scientific Research and Essay* 2008, 6, 224-228.
2. Hu, K.; Zhuang, J.; Zheng, C.; Ma, Z.; Yana, Li.; Gu, H.; Zeng, X.; Ding.: Effect of novel cytosine-l-alanine derivative based corrosion inhibitor on steel surface in acidic solution, *Journal of Molecular Liquids*, 2016, 222: 109–117.
3. Alaneme, K.K.; Olusegun, S.J.; Adelowo O.T.: Corrosion inhibitory properties of elephant grass (*Pennisetum purpureum*) extract: Effect on mild steel corrosion in 1 M HCl solution, *Alexandria Eng. J*, 2015, 55: 1069–1076.
4. Helen, L. Y. S.; Rahim, A.A.; Saad, B.; Saleh, M. I.; Raja, P.B.: *Aquilaria crassna* leaves extracts-a green corrotion inhibitor for mild steel in 1 M HCl medium. *Journal of Electrochemical Science* 2014, 9, 830-846.
5. Sari, A. K. P.; Stiadi, Y.; Emriadi: Pemanfaatan ekstrak daun jambu biji (*Psidium guajava L.*) sebagai inhibitor korosi baja St-37 dalam medium asam klorida. *Jurnal Kimia Unand* 2013, 25-32.
6. Singh, A.; Lin, Y.; Eberso, E.; Liu, W.; Huang, B.: Determination of corrosion inhibition efficiency using HPHT autoclave by *Gingko biloba* on carbon steels in 3,5% NaCl solution saturated with CO<sub>2</sub>. *International Journal of Electrochemical Science* 2014, 9, 5993-6005.
7. Gusti, D. R.; Emriadi; Alif, A.; Efdi, M.: Surface characteristics on mild steel using aqueous extract of cassava (*Manihot esculenta*) leaves as a corrotion inhibitor. *Der Pharma Chemica* 2016,8(17), 113-118.
8. Vadivu, D.S.; Saratha, A.; Jothi, R.V.: Corrosion inhibition of mild steel in hydrochloric acid medium using plant extract. *International Journal of Science, Engineering and Technology Research* 2016, 5, 3324-3340.
9. Roberge, P. R.: Corrosion engineering principles and practice: The McGraw-Hill Companies, United States of America, 1976.
10. Trethewey, K. R.; Chamberlain, J.: *Korosi Untuk Mahasiswa dan Rekayasaawan*, diterjemahkan oleh: Alex Tri Kantjono Widodo, Gramedia Pustaka Utama; Jakarta, 1991.
11. Divakarsa, S.; Nagaraja, S.: Inhibition of mild steel corrosion in acid medium. *Ineternational Journal of Technology* 2017, 5, 909-919.
12. Fajar, M. S.: Analisa korosi dan pengendaliannya. *Jurnal Foundry*, 2013, 3(1), 29-39.
13. Thirumalarairaj, B.; Jaganathan, M.; Corrotion protection of mild steel by a new binary inhibitor system in hydrochloric acid solution. *Egyptian Journal of Petroleum* 2016, 25, 423-432.
14. Ebadi, M.; Wen, J. B.; Asirun; Hamidi, K.; Hapipah, M. A.: Corrosion inhibiton properties of pyrazolylindolenine compound on copper surface in acidic media. *Arabian Journal of Chemistry* 2012, 6, 163-165.

15. Pratiwi, R. H.: Potensi ekstrak etanol batang kapuk randu sebagai antibakteri. *Bioeksperimen* 2017, 3(1), 26-32.
16. Mahfudin; Prabawa, S.; Sugianti, C.: Kajian ekstrak daun randu (*Ceiba pentandra* L.) sebagai bahan *edible coating* terhadap sifat fisik dan kimia buah tomat selama penyimpanan. *Jurnal Teknotan* 2016, 10(1), 76-82.
17. Al-Senani, G. M.: Corrosion inhibition of carbon steel in acidic chloride medium by *Cucumis sativus* (cucumber) peel extract. *International Journal of Electrochemical Science* 2016, 11, 291-302.
18. Bribri, A. E.; Tabyaoui, M.; Tabyaoui, B.; El Attari, H.; Bentiss, F.: The use of *Euphorbia falcata* extract as eco-friendly corrosion inhibitor of carbon steel in hydrochloric acid solution. *Materials Chemistry and Physics* 2013, 141, 240-247.
19. Chaubey, N.; Singh, V. K.; Quraish, M. A.: Papaya peel extract as potential corrosion inhibitor for aluminium alloy in 1 M HCl: Electrochemical and quantum chemical study. *Ain shams Engineering Journal* 2016, 1-10.
20. Yetri, Y.; Emriadi; Jamarun, N.; Gunawarman: Efisiensi inhibisi korosi mild steel dalam media asam dengan inhibitor ekstrak kulit buah kakao (*Theobroma cacao*). *Jurnal Riset Teknologi Pencegahan Pencemaran Industri* 2016, 2, 67-79.
21. Patel, N. S.; Hedlicka, J.; Beranek, M.: Extract of *Phyllanthus fratemus* leaves as corrosion inhibitor for mild steel in H<sub>2</sub>SO<sub>4</sub> solution. *International Journal of Electrochemical Science* 2015, 9, 2805-2815.
22. Zarrok, H.; Zarrouk, A.; Salghi, R.; Assouag, M.; Hammouti, B.; Oudda, H.; Boukhris, S.; Al Deyab, S.; Warad, I.: Inhibitive properties and thermodynamic characterization of quinoxaline derivative on carbon steel corrosion in acidic medium. *Der Pharmacia Lettre* 2013, 5, 43-53.
23. Muthukrishnan, P.; Prakash, P.; Jeyapratha, B.; Shankar, K.: Stigmasterol extracted from *Ficus hispida* leaves as a green inhibitor for the mild steel corrosion in 1 M HCl solution. *Arabian Journal of Chemistry* 2015, 4, 1-12.
24. Emriadi.; Antoni, A.; Stiadi, Y.: Adsorptive and thermodynamic properties of methanol extract of *Toona sinensis* leaves for the corrosion of mild steel in HCl medium. *Der Pharma Chemica*, 2016, 8(18):266-273.
25. Kumar, P.; Mohana, K.N.: Phytochemical screening and corrosion inhibitive behavior of *Pterolobium hexapetalum* and *Celosia argentea* plant extracts on mild steel in industrial water medium. *Egyptian Journal of Petroleum* 2014, (23), 201-211.
26. Saxena, A.; Dwirika, P.; Rajesh, H.; Gurmeet, S.; Akshay, K.: Use of *Saraca ashoka* extract as green corrotion inhibitor for mild steel in 0.5 M H<sub>2</sub>SO<sub>4</sub>. *Journal of Molekular Liquids* 2018, 258, 89-97.