



Pra Rancangan Pabrik
“Pabrik Sorbitol dari Dekstrosa dengan Proses Hidrogenasi
Katalitik Menggunakan Katalis Raney Nikel”

DAFTAR PUSTAKA

- Badan Pusat Statistik 2024, *Buletin Statistik Perdagangan Luar Negeri Ekspor dan Impor*, BPS, Jakarta.
- Badan Pusat Statistik 2024, *Produksi Tanaman Buah-Buahan di Indonesia*, BPS, Jakarta.
- Badan Standarisasi Nasional 2019, *Dokumen SNI Sorbitol Cair*, BSN, Jakarta.
- Coulson J.M., 1950, *Chemical Engineering Vol 6*, John Wiley & Sons, New York.
- Faith, W. L., Keyes, D.B & Clark, R.I 1957, *Industrial Chemical 4th ed*, John Wiley & Sons Inc, New York.
- Fei, S., Chen, J., Yao, S., Deng, G., Nie, L., & Kuang, Y 2005, ‘Electroreduction of α -glucose on CNT/graphite electrode modified by Zn and Zn–Fe alloy’, *Journal of Solid State Electrochemistry*, 9(7), hh. 498–503.
- Geankoplis, C.I, 2014, *Transport Process and Unit Operation 2nd ed*, Allyn and Bacon, Inc., Boston.
- Hesse, H.C, 1962, *Proses Equipment Design 8th ed*, Van Nostrand Reinhold Company, New York.
- Kassim, A. B., Rice, C. L., & Kuhn, A. T 1981, ‘Formation of sorbitol by cathodic reduction of glucose’, *Journal of Applied Electrochemistry*, 11(2), hh. 261–267.
- McCabe, W.L., Smith, J.C., Harriot, P., 2005, *Unit Operation of Chemical Engineering 7th ed*, McGraw-Hill, New York.
- Perry Don Green, R. H. 1990, *Perry Chemical Engineering Hand Book 8th Edition*, McGraw – Hill Book Company Inc., New York.
- Peters, M. S & Timmerhaus, K. D 2003, *Plant Design And Economics For Chemical Engineers*, McGraw Hill, New York.
- Pubchem 2020, ‘Sorbitol’, Diperoleh dari <https://pubchem.ncbi.nlm.nih.gov/compound/Sorbitol>
- Ruppert, A. M., Weinberg, K., & Palkovits, R 2012, ‘Hydrogenolysis Goes Bio: From Carbohydrates and Sugar Alcohols to Platform Chemicals’, *Angewandte Chemie International Edition*, 51(11), hh. 2564–2601.



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- Safitri, R 2021, ‘Pengaruh Konsentrasi Asam Sulfat dalam Proses Hidrolisis Selulosa dari Kulit Buah Naga Merah untuk Produksi Bioetanol’, *Industrial Research Workshop and National Seminar*, hh. 1-5.
- Ulrich, G.D., 1984, *A Guide to Chemical Engineering Process Design and Economics*, John Wiley & Sons, New York.
- US Patent No. 4,322,569. 1982, *Catalytic Hydrogenation of Glucose to Produce Sorbitol*, United States Patent Office, USA.
- Vignoli, J., Celligoi, M., & Silva, R 2006, ‘Development of a statistical model for sorbitol production by free and immobilized *Zymomonas mobilis* in loofa sponge *Luffa cylindrica*’, *Process Biochemistry*, 41(1), hh. 240–243.