



**SKRIPSI**  
**PRARANCANGAN PABRIK KIMIA**  
**SIRUP GLUKOSA DARI TAPIOKA**  
**KAPASITAS 50.000 TON/TAHUN**

---

**DAFTAR PUSTAKA**

- Alibaba, 2021, Harga Bahan Baku dan Produk, <https://www.alibaba.com>, 28 April 2022
- Aries, R. S and Newton, RD., 1955. "Chemical Engineering Cost Estimation", Mc Grow – Hill Book Company, New York.
- Budiarti, G. I., S. Sumardiono, dan Kusmiyati. 2016. Studi Konversi Pati Ubi Kayu (Cassava Starch) menjadi Glukosa secara Enzimatik. *Chemica* 3(1): 7–16.
- Brownell, L. E and Young, E.H., 1959. "Process Equipment Vessel Design", 1<sup>th</sup> ed, John Willey and Sons, New Delhi, India.
- Fitriani, R. O., A. Hartiati, dan L. Suhendra. 2018. Karakteristik Gula Cair yang Dibuat dari Pati Ubi Gadung (*Dioscorea hispida* D.) dalam Variasi Jenis dan Konsentrasi Asam. *Jurnal Rekayasa dan Manajemen Agroindustri* 6(3): 203–210.
- Kern, Donald Q. 1950. "Process Heat Transfer . Singapore: McGraw – Hill Book Company.
- Kirk, R.E., dan Othmer, D. F., 1978. "Encyclopedia of Chemical Technology, 5<sup>th</sup> ed, John Willey and Sons, Inc., New York, pp. 299-316.
- Ludwig, Ernest E. 2001. "Applied Process Design for Chemical and Petrochemical Plants, Volume 3, 3<sup>rd</sup> ed. London : Gulf Professional Publishing.
- Missen, R. W., Mims, C, A., & Saville, B. A. 1999. "Introduction to Chemical Reaction Engineering and Kinetics. John Willey & Sons Incorporated.
- Perry, R. H., and Green, D. W., 1977. "Perry's Chemical Engineers Handbook". 7<sup>th</sup> ed., Mc Graw – Hill Book Company, New York.
- Pramesti, H. A., K. Siadi, dan E. Cahyono. 2015. Analisis Rasio Kadar Amilosa/Amilopektin dalam Amilum dari Beberapa Jenis Umbi. *Indonesian Journal of Chemical Science* 4(1): 26–30



**SKRIPSI**  
**PRARANCANGAN PABRIK KIMIA**  
**SIRUP GLUKOSA DARI TAPIOKA**  
**KAPASITAS 50.000 TON/TAHUN**

---

- Richana, N. (2006). Gula singkong dapat diproduksi di pedesaan. Warta Penelitian dan Pengembangan Pertanian. Balai Besar Penelitian Pengembangan Pascapanen Pertanian. Bogor.
- Richana, N., Budiyanto, A., & Arief, R. W. (2016). Teknologi Produksi Sirup Glukosa. Ubi Kayu Kebijakan Teknis Pengembangan dan Inovasi Teknologi.
- Reid, R.C., Prausnitz, J.M. and Poling, B.E., 1987, The Properties of Gases And liquids, 4th edition, McGraw-Hill Book Co.Ltd., New York.
- Silla, H., 2003. "Chemical Process Engineering Design and Economics. New York : Marcel Dekker, pp. 179 – 298.
- Smith, R. 2005. "Chemical Process Design and Integration". McGraw – Hill International Book Company. Singapore, pp. 29.
- Sri, W. (2017). Biokimia Enzim dan Karbohidrat
- Treyball, R. E., 1981. "Mass Transfer Operation". 3<sup>th</sup> ed. McGraw – Hill International Book Company, Tokyo.
- Ulmann's. 1985. "Encyclopedia of Industrial Chemistry". Verlagsgesell Schaff mb, Germany.
- Ulrich, G. D. 1984. "A Guide to Chemical Engineering Process Design and Economics. New York : John Willey & Sons, Inc.
- Underkofler, L. A. (1976). Microbial enzymes. In "Industrial Microbiology"(B. M. Miller and W. Litskey, eds.).
- US.Patent 2012/0171731 A1
- Wallas, S. M. 1990. "Chemical Process Equipment Selection and Design, M Companies Inc., New York.
- Whistler, R. L., BeMiller, J. N., & Paschall, E. F. (Eds.). (2012). Starch: chemistry and technology. Academic Press.
- Yaws, C. L., 1999. "Chemical Properties Handbook, McGraw – Hill Companies Inc., USA, pp. 7-29, 189-211, 291-313.



**SKRIPSI**  
**PRARANCANGAN PABRIK KIMIA**  
**SIRUP GLUKOSA DARI TAPIOKA**  
**KAPASITAS 50.000 TON/TAHUN**

---

Yeni, G., S. Silfia, W. Hermianti, T. Wahyuningsih. 2018. Pengaruh Waktu Hidrolisis dan Konsentrasi HCl Terhadap Karakteristik Pati Termodifikasi dari Bengkuang (*Pachyrrhizus erosus*). *Jurnal Litbang Industri* 8(2): 53– 60