

DAFTAR PUSTAKA

- Arumugam, B.K., Collins, N.A., Macias, T.L., Perri, S.T., Powell, J.E., Sink, C.W., & Cushman, M.R. (2003). *U.S. Patent No. 6,610,863*.
- Brown, G.G, 1978, Unit Operation 3rd Edition. McGraw Hill International Book Company, Tokyo.
- Brownell, L.E., Young, E.H. (1959). Process Equipment Design Vessel Design. Michigan.
- Boudrant, J. (1990). Microbial Processes for Ascorbic Acid Biosynthesis: A Review. *Enzyme Microbial Techno* 12(5):322-329.
- Coulson, J.M. And Richardson, J.F., 1985, Introduction to Chemical Engineering Design, volume 6, Pergamon Press, Oxford.
- Dogra, S.K. dan Dogra, S. (2008). *Kimia Fisik dan Soal-soal*. Jakarta. UI-Press.
- Geankoplis, C.J. (1983) Transport Processes and Unit Operations, 2nd ed., Allyn and Bacon Inc., Boston.
- Indexbox. (2021). *Data Export, Import, and Consumption of Ascorbic Acid*. Diakses pada 27 Oktober 2021, dari <https://www.ceicdata.com/en>
- Indonesia National Single Window. (2021). *HS Code of Ascorbic Acid*. Diakses pada 7 Oktober 2021, dari <https://intr.insw.go.id/>
- Heldman, D.R., Lund, D.B., & Sabliov, C.M. (2019). *Handbook of Food Engineering*. New York: CRC Press.
- Kern, D.Q. (1950) Process Heat Transfer, McGraw Hill International Book Company. Singapore.
- Kirk, R.E., and Othmer, D.F. (1998). *Encyclopedia of Chemical Technology*. New York: A Wiley Inter Science Publisher Inc.
- Lim, S.M., Lau, M.S., Tiong, E.I., Goon, M.M., Lau, R.J., Yeo, W.S., . . . Mubarak, N. M. (2020). *Process Design and Economic Studies of Two-Step Fermentation for Production of Ascorbic Acid*. SN Applied Science.
- Li, Y., Yang, Y., Yu, A.N. and Wang, K. (2016). *Effects of reaction parameters on self-degradation of L-ascorbic acid and self-degradation kinetics*. Food Science and Biotechnology, 25(1):97–104.

- Mc Ketta, J. J., and Cunningham, W. A. (1990). *Encyclopedia of Chemical Processing and Design*. Marcel Decker Inc. New York.
- Murphy, A. P., and Henthorne, L. R. (1999). *U.S. Patent No. 5,998,634*.
- NIST Chemistry WebBook. (2021). *Sulfuric Acid*. Diakses pada 29 Oktober 2021, dari <https://webbook.nist.gov/>
- Rase, Howard .F., 1981, *Chemical Reactor Design for Process Plant*, 3th edition, McGraw-Hill International Book Company, Tokyo.
- Pappenberger, G., and Hohmann, H-P. (2013). *Industrial Production of L-Ascorbic Acid (Vitamin C) and D-Isoascorbic Acid*. Berlin.
- Perry R.H. and Green D.W. (1997). *Perry's Chemical Engineer's Hand Book*, 7th Ed., Mc. Graw-Hill Book Co. New York.
- Peters, M.S., Timmerhaus, K.D., West, R.E. (2003). *Plant Design and Economics for Chemical Engineers*, 5th ed., Mc-Graw Hill, New York.
- Smith, J.M. and Van Ness, H.H. (1975). *Introduction to Chemical Engineering Thermodynamics*, 3th edition, McGraw Hill International Book Co., Tokyo.
- Treybal, R.E. (1984). *Mass Transfer Operation*, 3rd ed., McGraw Hill International Book Company, Japan.
- Ullmann, F. (2005). *Encyclopedia of Industrial Chemistry*, John Wiley & Sons, New York.
- Ulrich, G.D. (1984). *A Guide to Chemical Engineering Process Design and Economics*, John Wiley & Sons, New York.
- Vilbrandt , F.C and Dryden,C.E. (1959). *Chemical Engineering Plant Design* 4th edition, McGraw Hill Kogakusha Company Limited, Tokyo.
- Walas, S.M. (1988) *Chemical Process Equipment*, 3rd ed., Butterworths series in chemical engineering, USA.
- Xu, A. Yao, J. Yu, L. Lv, S. Wang, J. Yan, B. (2004). Mutation of *Gluconobacter oxydans* and *Bacillus megaterium* in a two-step Process of L-ascorbic acid manufacture by ion beam. *J Appl Microbiology* 96(6):1317-1323.
- Yang, W., and Xu, H. (2016). *Industrial Fermentation of Vitamin C*. *Industrial Biotechnology of Vitamins, Biopigments, and Antioxidants*.

Yaws, C.L. (1999). *Yaw's Handbook of Thermodynamics and Physical Properties of Chemical*. Mc Graw-Hill Book Co. Singapore.

