บรรณานุกรม

1. Lehninger, A. L. (1975) Biochemistry, 2 nd ed., Worth Publishers, New York, pp. 249-277.
2. Bohinski, R.C. (1979) Modern Concepts in Biochemistry, 3th ed., Allyn and Bacon, Boston, pp. 302-306.
3. มุกดา ฐิตะสุต และนิ่มนวล โอกูมา (2527) สารชีวโมเลกุล ไทยวัฒนาพานิช หน้า 113-118
4. Davidson, E.A. (1967) Carbohydrate Chemistry, Holt Rinehart and Winston, New York, pp. 388-390.
5. สมพงษ์ นิมิตรวานิช และอำนวย อุดมบัวสุวรรณ (2536) โพลิเมอร์ชีวภาพ การประชุมสัมมนาวิชาการประจำปี ครั้งที่ 18 สาขาชีวเคมี สมาคมวิทยาศาสตร์แห่งประเทศไทย ณ มหาวิทยาลัยมหิดล หน้า 63-66
6. Kennedy, J.F., Cabalda, V.M. and White, C.A. (1988) Enzymatic Starch Utilization and Genetic Engineering, Trends in Biotech. 6, 184-189.
7. Hughes, R.C. (1983) Glycoproteins, Chapman and Hall, London, 95 pp.
8. มนตรี จุฬาวัฒนทล และคณะ (2530) ชีวเคมี ห้างหุ้นส่วนจำกัด ศ.ส. กรุงเทพฯ หน้า 39-62
9. Hatanaka, K., Kurihara, Y., Uryu, T., Yoshida, o., Yamamoto, N., Mimura, T. and Kaneko, Y. (1991) A Strong Inhibition of HIV-Induced Cytopathic Effects by Synthetic (1—>6)-α-D-Mannopyranan Sulfate, Carbohydrate Research 214, 147-154.
10. Robyt, J.F. and White, B.J. (1987) Biochemical Techniques : Theory and Practice, Brooks/Cole Publishing Co., California, pp. 82-88.
11. Macek, K. (1967) Paper Chromatography, Chromatography, 2nd ed. (Heftmann, E. ed.) Reinhold Publishing Co., New York, pp.139-164.

12. Macek, K. (1983) Planar Chromatography, Chromatography : Fundamentals and Applications of Chromatographic and Electrophoretic Methods (V. 22 A, Heftmann, E. ed.), Elsevier Scientific Publishing, Amsterdam, pp. A163- A185.

13. Churms, S.C. (1982) CRC Handbook of Chromatography : Carbohydrates, CRC Press, Florida, p.132.

14. Stahl, E. and Mangold, H.K. (1967) Thin-Layer Chromatography, Chromatography, 2 nd ed. (Heftmann, E. ed), Reinhold Publishing Co., New York, pp. 165-181.

15. Fried, B.and Sherma, J. (1982) Thin-Layer Chromatography:Techniques and Applications, Marcell Dekker, New York, pp. 246-262.

16. Chaplin, M.F. (1986) Monosaccharide, Carbohydrate Analysis : A Practical Approach (Chaplin, M.F. and Kennedy, J.F. eds.) IRL Press, Oxford, pp. 1-36.

17. Holme, D.J. and Peck, H. (1983) Analytical Biochemistry, Longman, England, pp. 89-102.

18. สายสุนีย์ เหลี่ยวเรืองรัตน์ (2525) โครมาโตกราฟีของเหลวแบบสมรรถนะสูง ภาควิชาเคมี คณะวิทยาศาสตร์ มหาวิทยาลัยเชียงใหม่ หน้า 29-71

19. Fallon, A., Booth, R.F.G. and Bell, L.D. (1987) Laboratory Techniques in Biochemistry and Molecular Biology : Applications of HPLC in Biochemistry, Elsevier Science Publishers Amsterdam, pp. 213-229.

20. Shiota, M. and Kobayashi, S. (1991) Analyses of ∝-Linked Disaccharides of D-Glucose by High-Performance Liquid Chromatography, Carbohydrate Research 215, 203-209.

21. Niemann, C., Saenger, W., Nuck, R. and Pfannemuller, B. (1991) H.p.l.c. of 4-Nitrophenyl-∝-D-malto-oligosaccharides, carbohydrate Research 215, 15-23.

22. Price, N.C. and Stevens, L. (1981) Fundamentals of Enzymology, Oxford University, New York, pp. 3-6.

23. Nilsson, K.G.I. (1988) Enzymatic Synthesis of Oligosaccharides, Trends in Biotech. 6, 256-264.

24. Rastall, R.A., Adlard, M.W. and Bucke, C. (1991) Synthesis of Hetero-Oligosaccharides by Glucoamylase in Reverse, Biotechnol. Lett. 13, 501-504.

25. Li, Y.T. (1967) Studies on the Glycosidases in Jack Bean Meal, J.Biol. Chem. 242, 5474-5480.

26. Saita, M., Ikenaka, T. and Matsushima, Y. (1971) Isolation and Characterization of α-D-Mannosidase from Soy Bean, J.Biochem. 70, 827-833.

27. Agrawal, K.M.L. and Bahl, O.P. (1972) α-Galactosidase, β-Galactosidase, β-Glucosidase, β-N-Acetylglucosaminidase and α-Mannosidase from Pinto Beans (Phaseolus vulgaris), Method in Enzymol. 28, 720-728.

28. Ohtani, K. and Misaki, A. (1983) Purification and Characterization of β-D-Galactosidase and α-D-Mannosidase from Papaya (Carica papaya) Seeds, Agric. Biol. Chem. 47, 2441-2451.

29. Nakagawa, H., Enomoto, N., Asakawa, M. and Uda, Y. (1988) Purification and Characterization of α-Mannosidase and β-N-Acetylhexosaminidase from Watermelon Fruit, Agric. Biol. Chem. 52, 2223-2230.

30. Muramatsu, T. and Egami, F. (1967) α-Mannosidase and β-Mannosidase from the Liver of Turbo cortunus : Purification, Properties and Application in Carbohydrate Research, J. Biochem. 62, 700-709.

31. Muramatsu, T. (1967) Purification and Properties of α-mannosidase from the Liver of Charonia lampas, J. Biochem. 62, 487-491.

32. Okumura, T. and Yamashina, I. (1973) Further Purification and Characterization of ∝-Mannosidase from Hog Kidney, J. Biochem. 73, 131-138.

33. Swaminathan, N., Matta, K.L. and Bahl, O.P. (1972) 1,2-∝-D-Mannosidase from Aspergillus niger, Method in Enzymology 28, 744-749.

34. Yamashita, K., Ichishima, E., Arai, M. and Kobata, A. (1980) An ∝-Mannosidase Purified from Aspergillus saitoi is Specific for ∝ 1,2 Linkages, Biochem. Biophys. Res. Commun. 96, 1335-1342.

35. Yamamoto, K., Hitomi, J., Kobatabke, K. and Yamaguchi, H. (1982) Purification and Characterization of 1,2- ∝ -Mannosidase of Aspergillus oryzae, J. Biochem. 91. 1971-1979.

36. Jones, G.H. and Ballou, C.E. (1969) Studies on the Structure of Yeast Mannan, J. Biol. Chem. 244, 1043-1051.

37. Takegawa, K., Satoshi, M., Jikibara, T. and Iwahara S.(1989) Purification of Exo-∝-D-mannosidase from Cellulomonas sp., Biochim. Biophys. Acta. 991, 431-437.

38. Johansson, E., Hedbys, L., Mosbach, K. and Larsson, P.- O. (1989) Studies of the Reversed ∝-Mannosidase Reaction in High Concentrations of Mannose, Enzyme Microb. Technol. 11, 347-352.

39. Huddleston, J., Veide, A., Kohler, K., Flanagan, J., Enfors S-O. and Lyddiatt, A. (1991). The Molecular Basis of Partitioning in Aqueous Two-Phase Systems, Trends in Biotech. 9, 381-388.

40. Bamberger, S., Brooks, D.E., Sharp, K.A., Alstine, J.M.V. and Webber, T.J. (1985) Preparation of Phase Systems and Measurement of Their Physicochemical Properties, Partitioning in Aqueous Two-Phase Systems (Walter, H., Brooks, D.E. and Fisher, D. eds.)

41. Albertsson, P.A. (1971) Partition of Cell Particles and Macromolecules, 2nd ed., John Wiley and Sons, New York, pp. 12-57.

42. Mattiasson, B. (1983) Applications of Aqueous Two-Phase systems in Biotechnology, Trends in Biotech. 1, 16-20.

43. Chen, J. -P. (1992) Partitioning and Separation of ∝-Lactalbumin and β-Lactoglobulin in PEG/Potassium Phospate Aqueous Two-Phase Systems, J. Ferment. Bioeng. 73 , 140 - 147.

44. Krebs, K.G., Heusser, D.and Wimmer, H. (1969) Spray Reagents, Thin - Layer Chromatography : A Laboratory Handbook (Stahl, E. ed.) Springer - Verlag, New York, pp. 855-909.

45. อัญชลี วานิชทวีวัฒน์ (2534) การศึกษาสมบัติของวัฏภาค และการแบ่งส่วนของสารในระบบน้ำสองวัฏภาค เพื่อการสังเคราะห์โอลิโกแมนโนไซด์ รายงานปัญหาพิเศษวิทยาศาสตรบัณฑิต มหาวิทยาลัยเชียงใหม่ หน้า 43 - 65

46. Goldstein, J. and Horejsi, V. (1981) Defining a Lectin, Nature 285, p.66.