

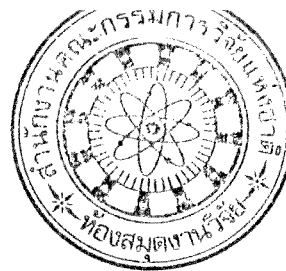
เอกสารอ้างอิง

1. สำนักงานพัฒนาวิทยาศาสตร์และเทคโนโลยีแห่งชาติ. (2553). [ระบบออนไลน์]. แหล่งที่มา: <http://www.nstda.or.th/index.php/faq/1nstda%20research%20and%20development/4-what%20nanotec> (2011, March 20)
2. BioInfoBank. (2554) [ระบบออนไลน์]. แหล่งที่มา: <http://lib.bioinfo.pl/blid:1739> (2011, October 25)
3. Bhardwaj, N., Kundu, S. C. (2010) Electrospinning: a fascinating fiber fabrication technique. *Biotechnology Advances*. 28, 325–347.
4. Travis, J. S. and von Recum, H. A. (2008). Electrospinning: applications in drug delivery and tissue engineering. *Biomaterials*. 29, 1989–2006.
5. Hohman, M. M., Shin, M., Rutledge, G. and Brenner, M. P. (2001). Electrospinning and electrically forced jets. I. Stability theory. *PHYSICS OF FLUIDS*. 13(8), 2201–2220.
6. Starch. In: Rowe, R.C., Sheskey, P. J. and Quinn, M. E, editors. (2009) *Handbook of pharmaceutical Excipients*. Sixth edition. London: Pharmaceutical press. p. 685-691.
7. Laovachirasuwan, P., Peerapattana, J., Chitropas, P., Srijsdaruk, V. and Otsuka. M. The characteristics and composition of glutinous rice starch”. [online]. Available : <http://gsmis.gs.kku.ac.th/publish /details/6794> (2011, March 20)
8. Yotsawimonwat, S., Sriroth, K., Kaewichit, S., Piyachomkwan, K., Jane, J.-L. and Sirithunyalug, J. (2008). Effect of pH on complex formation between debranched waxy rice starch and fatty acids. *International Journal of Biological Macromolecules*. 43, 94–99.
9. กล้าณรงค์ ศรีรอด และเกื้อกุล ปิยะจอมขวัญ. (2546). เทคโนโลยีของแป้ง (พิมพ์ครั้งที่ 3). กรุงเทพฯ : สำนักพิมพ์มหาวิทยาลัยเกษตรศาสตร์.
10. Supaphat, N. (2006). Influence of clay on mechanical properties and moisture sensitivity of thermoplastic starch. Thesis for Master of engineering, Silpakorn University.

11. Van Soest, J. J. G., Tournois, H., de Wit, D. and Vliegenthart, J. F. G. (1995). Short-range structure in (partially) crystalline potato starch determined with attenuated total reflectance Fourier-transform IR spectroscopy. *Carbohydrate Research*. 279, 201-214.
12. Wikipedia, The free Encyclopedia. (2554). [ระบบออนไลน์]. แหล่งที่มา: <http://en.wikipedia.org/wiki/Starch> (2011, October 25)
13. Jane, J., Xu, A., Rodosavljevic, M., and Seib, A. (1992). Location of amylose in normal starch granule : susceptibility of amylose and amylopectin to cross-linking. *Cereal Chemistry*. 69(4), 405-409.
14. Oates, C.G. (1996). Physical modification of starch. In advanced post academic course on tapioca starch technology. Jan. 22-26 & Feb. 19-23. AIT Center, Bangkok.
15. Kadan, R.S., Champagne, E.T., Ziegler, G.M. and Richard, A.O. (1997). Amylose and pectin contents of rice cultivars as related to texture of rice-based fries. *Journal of Food Science*. 62 (4), 701-703.
16. Chainui, J. (2007). Effect of physic-chemical properties of starch mixtures (cassava and sago) on cracker quality. Thesis for Master of science in food technology, Prince of Songkla University.
17. Wurzburg, O.B. (1972). Starch in the food industry. *CRC handbook food additives*. 12, 361-395.
18. Blanshard, J. M. V. (1987). Starch granule structure and function: a physicochemical approach. In T. Gilliard (ed.). *Starch: property and potential*. pp 16-54. John Wiley: Chichester.
19. Buleon, A., Colonna, P., Planchot, V. and Ball, S. (1998). Mini review: Starch granules: structure and biosynthesis. *International Journal of Biological Macromolecules*, 23, 85.

20. Hizukuri, S. (1986). Relationship between the distribution of the chain length of amylopectin and the crystalline structure of starch granules. *Carbohydrate Research*. 141, 295.
21. Takeda, Y and S. Hizukuri (1987). Structure of rice amylopectins with low and high affinities for iodine. *Carbohydrate Research*. 168, 79.
22. Makino, T. and Kitamori, (1995). Importance of gelatinization degree of starch paste binder in hardness and disintegration time of tablets. *Chem. Pharm. Bull.* 43 (3), 514-516.
23. Beynum, G.M.A., and Roels, J.A. (1985). *Starch conversion technology*. Marcel Dekker, Inc., New York. 326 P.
24. Bos C.E. et al. (1987). Native starch in tablet formulations: properties on compaction. *Pharm Weekbl Sci.* 9, 274-282.
25. [ระบบออนไลน์]. แหล่งที่มา: <http://www.centropede.com/UKSB2006/ePoster/images/background/Electrospin Figure.jpg>
26. Agarwal, S., Wendorff, J. H. and Greiner A. (2008). Use of electrospinning technique for biomedical applications. *Polymer*. 49, 5603-5621.
27. Chen, J.-W., Tseng, K.-F., Delimartin, S., Lee, C.-K. and Ho, M.-H. (2008). Preparation of biocompatible membranes by electrospinning. *Desalination*. 233, 45-54.
28. Sombatmankhong, K., Sanchavanakit, N., Pavasant, P. and Supaphol, P. (2007). Bone scaffolds from electrospun fiber mats of poly(3-hydroxybutyrate), poly(3-hydroxybutyrate-co-3-hydroxyvalerate) and their blend. *Polymer*. 48, 1419-1427.
29. Lee, K. Y., Jeong, L., Kang, Y. O., Lee, S. J. and Park, W. H. (2009). Electrospinning of polysaccharides for regenerative medicine. *Advanced Drug Delivery Reviews*. 61, 1020-1032.
30. Reneker, D.H., Kataphinana, W., Theronb, A., Zussmanb, E. and Yarinb, A.L. (2002). Nanofiber garlands of polycaprolactone by electrospinning. *Polymer*. 43, 6785-6794.
31. Zhou, F.-L., Gong, R.-H., and Porat, I. (2009). Polymeric nanofibers via flat spinneret electrospinning. *Polymer Engineering & Science*. 49(12), 2475-2481.

32. Sundaram, J., Durance, T.D. and Wang, R. (2008). Porous scaffold of gelatin–starch with nanohydroxyapatite composite processed via novel microwave vacuum drying. *Acta Biomaterialia*. 4, 932–942.
33. Martins, A.M., Santos, M.I., Azevedo, H.S., Malafaya, P.B. and Reis, R.L. (2008). Natural origin scaffolds with *in situ* pore forming capability for bone tissue engineering applications. *Acta Biomaterialia*. 4, 1637-1645.
34. Ma, Z., Kotaki, M., and Ramakrishna, S. (2005). Electrospun cellulose nanofiber as affinity membrane. *Journal of Membrane Science*. 265(1-2), 115-123.
35. Ma, Z., and Ramakrishna, S. (2008). Electrospun regenerated cellulose nanofiber affinity membrane functionalized with protein A/G for IgG purification. *Journal of Membrane Science*. 319(1-2), 23-28.
36. Lu, C., Chen, P., Li, J. and Zhang, Y. (2006) Computer simulation of electrospinning. Part I. Effect of solvent in electrospinning. *Polymer*. 47, 915-921.
37. Evans, D.F., Pye, G., Bramley, R., Clark, A.G., Dyson, T.J., and Hardcastle, J.D. (1988). Measurement of gastrointestinal pH profiles in normal ambulant human subjects. *Gut*. 29, 1035-1041.
38. Wang, Q., Hu, X., Du, Y. and Kennedy, J.F. (2010). Alginate/starch blend fibers and their properties for drug controlled release. *Carbohydrate Polymers*. 82, 842-847.
39. Bhattarai, N., Edmondson, D., Veis, O., Frederick, Matsen, A. and Zhang, M. (2005). Electrospun chitosan-based nanofibers and their cellular compatibility. *Biomaterials*. 26, 6176-6184.
40. Ansel, H.C. (1995). *Introduction to Pharmaceutical Dosage Forms*, Lea & Febiger, Philadelphia.
41. Bauer, K.H., Frömming, K.-H. und Fuehrer, C. (1989). *Pharmazeutische Technologie*, Thieme, Stuttgart.
42. Lachman, L., Lieberman, H.N. and Kanic, J.L. (1986). *The Theory and Practice of Industrial Pharmacy*, Lea & Febiger, Philadelphia.



43. A.A.C.C. (2000). Approved Methods of the American Association of Cereal Chemists. 10th ed., American Association of Cereal Chemists, St. Paul, MN.
44. Kong, X., Bao, J. and Corke, H. (2009). Physical properties of Amaranthus starch. Food Chemistry. 113, 371-376.
45. Zhu, L.-J., Liu, Q.-Q., Sang, Y., Gu, M.-H. and Shi, Y.-C. (2010). Underlying reasons for waxy rice flours having different pasting properties. Food Chemistry. 120, 94-100.
46. Kong, X., Bao, J., Corke, H. (2009). Physical properties of Amaranthus starch. Food Chemistry. 113, 371-376.
47. Wang, Q., Zhang, N., Hu, X., Yang, J. and Du, Y. (2010). Chitosan/starch blend fibers and their properties for drug controlled release. Carbohydrate Polymers. 82, 842-847.
48. The United States Pharmacopeia 32, The National Formulary 27, Maryland, United States Pharmacopeial Convention, 2009.
49. Dupuy, N., Wojciechowski, C., Ta, C. D., Huvenne, J. P., and Legrand, P. (1997). Mid-infrared spectroscopy and chemometrics in corn starch classification. Journal of Molecular Structure. 410-411, 551-554.
50. Alexander, R. J. (1992). Maltodextrins: production properties and applications. In Scenck, F. W., Hebeda, R. A. (Eds.). Starch hydrolysis products, worldwide technology production and applications, pp. 233-276.
51. Sevenou, O., Hill, S. E., Farhat, I. A., and Mitchell, J. R. (2002). Organization of the external region of the starch granules as determined by infrared spectroscopy. International Journal of Biological Macromolecules. 31, 79-85.

