

เอกสารอ้างอิง

- Ahmad, A.L., Chan, C.Y., Shukor, S.R.A. and Mashitah, M.D. 2010. Adsorption chromatography of carotenes from extracted palm oil mill effluent . *Journal of Applied Science*, 10 (21): 2623-2627.
- Ahmad, A.L., Chan, C.Y., Shukor, S.R.A. and Mashitah, M.D. 2008. Recovery of oil and carotenes from palm oil mill effluent (POME). *Chemical Engineering Journal*, 141: 383-386.
- Ahmad, A.L., Sithamparam, K., Zulkali, M.M.D. and Ismail, S. 2003. Extraction of residue oil from palm oil mill effluent (POME) using organic solvent. *Journal of AJSTD*, 20 : 385-394.
- Baharin, B.S., Latip, R.A., Y.B., Che M. and Rahman R.A. 2001. The effect of carotene extraction system on crude palm oil quality, carotene composition and carotene stability during storage. *Journal of American Oil Chemical Society*, 78 : 51-855.
- Batistella C.B. and Maciel, M.R.W. 1998. Recovery of carotenoids from palm oil by molecular distillation. *Computers Chemistry Engineering*, 22 : S53-S60.
- Chiu, M.C. Coutinho, C.M. and Goncalves, L.A.G. 2009. Carotenoids concentration of palm oil. Using membrane technology. *Desalination*, 245 : 783-786.
- Chuang, M.H. and Brunner, G. 2006. Concentration of minor components in crude palm oil. *Journal of Supercritical Fluids*, 37 : 151-156.
- Frank, T.C., Dahuron, L., Holden, B., Prince, W.D., Seibert, A.F. and Wilson, L.C. 2008. Perry's Chemical Engineers' Handbook. 8th McGraw-Hill, New York, USA. P. 15/1-100.
- Hameed, B.H., Ahmad, A.L. and Hoon, N.A. 2003. Removal of residual oil from palm oil mill effluent using solvent extraction method. *Journal of Teknologi*, 38 : 33-42.
- Harrison, L.N.L., Choo, Y.M., Ma, A.N. and Chuah, C.H. 2008. Selective extraction of palm carotene and vitamin E from fresh palm-pressed fiber (*Elaeis guineensis*) using supercritical CO₂. *Journal of Food Engineering*, 84 : 289-296.

- Hart, D.J. and Scott, K.J. 1995. Development and evaluation of an HPLC method for the analysis of carotenoids in food, and the measurement of the carotenoid content of vegetables and fruits commonly consumed in the UK. *Journal of Food Chemistry*, 54 : 101-111.
- Ibrahim, H.R. 1999. *Industrial Processes and the Environment (Handbook no. 3) Crude Palm Oil Industry*. Ministry of Science, Technology and the Environment, Malaysia, p. 12.
- Lietz, G. and Henry, C.J.K. 1997. A modified method to minimize losses of carotenoids and tocopherols during HPLC analysis of red palm oil. *Journal of Food Chemistry*, 60 : 109-117.
- Ma, A.N., Cheah, S.C. and Chow, M.C. 1993. Current status of palm oil processing wastes management. Ministry of Science, Technology and the Environment, Malaysia, p. 111-136.
- Oilseeds: World Markets and Trade. 2010. From <http://210.246.186.28/Oilseeds.html>. [25 october 2012]
- Oldshue, J.Y. 1983. *Fluid Mixing Technology*. McGraw-Hill, New York, USA. p. 243-246.
- Perry, R.H. and Chilton, C.H. 1973. *Chemical Engineers' Handbook*. 5th McGraw-Hill, Japan. p. 15-14.
- Phipps, D.A. and Skidmore, R. (no publication year) *CTS7 Liquid-Liquid Extraction : student manual*. QVF Teachinh System, England.
- Robbins, L.A. 1973. *Handbook of Separation Techniques for Chemical Engineers/section 1.9 Liquid-Liquid Extraction* McGraw-Hill, USA. p. 1/427-446.
- Sanagi M.M., See H.H., Ibrahim W.A.W. and Naim A.A. 2005. Determination of carotene, tocopherols and tocotrienols in residue oil from palm pressed fiber using pressurized liquid extraction-normal phase liquid chromatography. *Journal of Analytica Chimica Acta*, 538 : 71-76.
- Wankat, P.C. 2007. *Saparation Process Engineering*. 2nd Prentice Hall. USA. p. 428-433.
- You, L.L., Baharin, B.S., Quek, S.Y. and Abdullah, M.A. 2002. Recovery of palm carotene from palm oil and hydrolyzed palm oil by adsorption column chromatography. *Journal of Food Lipids*. 9 : 87-93.

กัญญา บุญเกียรติ. 2547 การคำนวณขั้นต้นในวิชาวิศวกรรมเคมี. พิมพ์ครั้งที่ 6. จุฬาลงกรณ์มหาวิทยาลัย, กรุงเทพฯ. หน้า 161-189.

เพียรพรรค ทศกร. 2534. หน่วยปฏิบัติการทั่วไป. จุฬาลงกรณ์มหาวิทยาลัย. กรุงเทพฯ หน้า 44-63.
 วิชาการปาล์มน้ำมัน. ศักยภาพปาล์มน้ำมัน (ออนไลน์) สืบค้นจาก :

<http://it.doa.go.th/palm/linkTechnical/efficiency.html>. [25 ตุลาคม 2556]

วิชาการปาล์มน้ำมัน. รู้จักปาล์มน้ำมัน (ออนไลน์) สืบค้นจาก :

<http://it.doa.go.th/palm/linkTechnical/oilpalm.html>. [27 ตุลาคม 2556]

วิชาการปาล์มน้ำมัน. การแปรรูปปาล์มน้ำมัน (ออนไลน์) สืบค้นจาก :

<http://it.doa.go.th/palm/linkTechnical/oil%20palm%20processing.html>.

[27 ตุลาคม 2556]

แคโรทีนในปาล์มน้ำมัน (ออนไลน์) สืบค้นจาก :

<http://www.geocities.com/vitandmin/CAROTENE.htm>. [27 ตุลาคม 2556]