

## 11.4 Gels

Wong et al. (1997) studied the stability of cefazolin in Pluronic F-127 gels and found the decomposition to be first order, and for all Pluronic concentrations used (20, 25, and 30%), Arrhenius plotting was satisfactorily linear.

## REFERENCES

- Acree, W. E., Rytting, J. H. (1983). *J. Pharm. Sci.* 72:293.
- Amidon, G. L., Yalkowsky, S. H., Leung, H. (1974). *J. Pharm. Sci.* 63:1858.
- Angerg M., Nyström, C., Castensson, S. (1988). *Acta Pharm. Suec.* 25:307.
- Angerg M., Nyström, C., Castensson, S. (1990). *Int. J. Pharm.* 61:66.
- Angerg M., Nyström, C., Castensson, S. (1993). *Int. J. Pharm.* 90:19.
- Aso, Y., Sufang, T., Yoshka, S., Kojima, S. (1997). *Drug Stability* 1:237.
- Bakar S. K., Niazi, S. (1983), *J. Pharm. Sci.* 72:1024.
- Bodnar, J. E., Chen, J. R., Johns, W. H., Mariani, E. P., and Shinal, E. C. (1983). *J. Pharm. Sci.* 72:535.
- Bodor, N., Gabanyi, Z., Wong, C.-K. (1989). *J. Am. Chem. Soc.* 111:3783.
- Burger, A., Lettenbichler, A. (1993). *Eur. J. Pharm. Biopharm.* 39:65.
- Carstensen, J. T. (1974), in *Dissolution Technology* (Leeson, L., Carstensen, J. T., eds.), Academy of Pharmaceutical Sciences. American Pharmaceutical Association, Washington, DC, p. 5.
- Carstensen, J. T. (1977). *Pharmaceutics of Solids and Solid Dosage Forms*, New York: Wiley-Interscience, pp. 11–15.
- Carstensen, J. T., Kothari, R. (1981). *J. Pharm. Sci.* 70:1095.
- Carstensen, J. T., Usui, F. (1984). *J. Pharm. Sci.* 74:1293.
- Carstensen, J. T., Johnson, J. B., Valentine, W., Vance, J. (1964). *J. Pharm. Sci.* 53:1050.
- Carstensen, J. T., Su, K. S., Maddrell, P., Newmark, H. (1971). *Bull. Parenter. Drug Assoc.* 25:193.
- Carstensen, J. T., Franchini, M., Ertel, K. (1992). *J. Pharm. Sci.* 81:303.
- Cavé, G., Puisieux, F., Carstensen, J. T., (1979). *J. Pharm. Sci.* 68:424.
- Chien, Y. W., Keshary, P. R., Huang, Y. C., Sarpotdar, P. P. (1983). *Drug. Dev. Ind. Pharm.* 72:968.
- Chollet, J. L., Jozwiakowski, M. J., Phares, K. R., Reiter, M. J., Roddy, P. J., Schultz, H. J., Ta, Q. V., Tomail, M. A. (1999). *Pharm. Dev. Tech.* 4:35.
- Eyjolfsson, R. (1998). *Drug Dev. Ind. Pharm.* 24:797.
- Hansen, L. D., Lewis, E. A., Eatough, D. J., Bergstrom, R. G., DeGraft-Johnson, D. (1989). *Pharm. Res.* 6:20.
- Hixson, A., Crowell, J. (1931). *Ind. Eng. Chem.* 23:923.
- Hourcade, F., Sautou-Miranda, V., Normand, B., Laugier, M., Picq, F., Chopineau, J. (1997). *Int. J. Pharm.* 154:95.
- Iba, K., Arakawa, E., Morris, T., Carstensen, J. T. (1991). *Drug Dev. Ind. Pharm.* 17:77.
- Malan, C. E. P., deVilliers, M. M., Lötter, A. P. (1997). *Drug Dev. Ind. Pharm.* 23:533.
- Mura, P., Faucci, M. T., Manderioli, A., Furlanetto, S., Pinzauti, S. (1998). *Drug. Dev. Ind. Pharm.* 24:747.
- Nogami, H., Nagai, T. Suzuki, A. (1966). *Chem. Pharm. Bull.* 14:329.
- Noyes A., Whitney, W. (1897). *J. Am. Chem. Soc.* 23:689.
- Oliyai, R., Lindenbaum, S. (1991). *Int. J. Pharm.* 73:33.
- Parke, T., Davis, W. (1954). *Anal. Chem.* 25:642.
- Paruta, A. N., Irani, S. A. (1964). *J. Pharm. Sci.* 54:1334.
- Perrier, P. R., Kesselring, U. W. (1983). *J. Pharm. Sci.* 72:1072.