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- [1] Andrasi, M., Buglyo, P., Zekany, L. and Attila Gaspar. 2007. A comparative study of capillary zone electrophoresis and pH-potentiometry for determination of dissociation constants. *Journal of Pharmaceutical and Biomedical Analysis*. 44:1040-1047.
- [2] Poole, S. K., Patel, S., Dehring, K., Workman, H. and C. F. Poole. 2004. Determination of acid dissociation constants by capillary electrophoresis. *Journal of Chromatography A*. 1027: 445-454.
- [3] Salinova, V., Václav, K., Kkoyal, D., Cesnek, M., and A. Antonín. 2006. Determination of acid-base dissociation constants of amino- and guanidinopurine nucleotide analogs and related compounds by capillary zone electrophoresis. *Electrophoresis*. 27: 1006-1019
- [4] Fuguet, E., Reta. M., Gilbert, C., Rosés, M., Bosch, E., and C. Ràfols. 2008. Critical Evaluation of buffering solutions for pK_a determination by capillary electrophoresis. *Electrophoresis*. 29: 2841-2851.
- [5] Gluck, S. J., Steele, K. P. and M. H. Benkö. 1996. Determination of acidity constants of monoprotic and diprotic acids by capillary electrophoresis. *Journal of Chromatography A*. 745: 117-125.
- [6] Baker, D. R. 1995. *Capillary electrophoresis techniques in analytical chemistry*. John Wiley and Sons, Inc.
- [7] Porras, S. P. and E. Kenndler. 2004. Capillary zone electrophoresis in non-aqueous solutions: pH of background electrolyte. *Journal of Chromatography A*. 1037: 455-465.
- [8] Beckers, J. L. and Bocek, P. 2003. The preparation of background electrolytes in capillary zone electrophoresis: Golden rules and pitfalls. *Electrophoresis*. 24: 518-535.
- [9] Cookson, R. F. 1974. The determination of acidity constants. *Chemical Reviews*. 74(1): 5-28.
- [10] Wan, H., and J. Ulander. 2006. High-throughput screening of pK_a and prediction amendable for ADME profiling. *Expert. Opin. Drug Metabol. Toxicol.* 2:139-155.
- [11] Herrero-Martinez, J. M., Sanmartin, M., Roses, M. Bosch, E, and Rafols, C. 2005. Determination of dissociation constants of flavonoids by capillary electrophoresis. *Electrophoresis*. 26: 1886-1895.
- [12] Fuguet, E. Ràfols, C., Bosch, E. and M. Rosés. 2009. Fast high-throughput method for the determination of acidity constants by capillary electrophoresis I. monoprotic weak acids and bases. *Journal of Chromatography A*. 1216: 3646-3651.

-
- [13] Slampova, A., Krivankova, L., Gebauer, P. and P. Bocek. 2009. Standard systems for measurement of pK_a values and ionic mobilities 2. univalent weak bases. *Journal of Chromatography A*. 1216: 3637-3641.
- [14] Wan, H., Holmén, A., Nagard, M. and W. Lindberg. 2002. Rapid screening of pK_a values of pharmaceuticals by pressure-assisted capillary electrophoresis combined with short-end injection. *Journal of Chromatography A*. 979: 369-377.
- [15] Canals, I., Bosch, E: and M. Rosés. 2002. Prediction of the separation of phenols by capillary zone electrophoresis. *Analytica Chimica Acta*. 428: 335-366.
- [16] Foulon, C., Duhal, N., Lacroix-Callens, B., Vaccher, C., Bonte, J. P, and J. F. Gossens. 2007. Determination of pK_a values of benzoxa-, benzothia- andbenzoselena-zolinone derivatives by capillary electrophoresis comparison with potentiometric titration and spectrometric data. *European Journal of pharmaceutical Sciences*. 31: 165-171.
- [17] Xuan, X., Sinton, D and D. Li. 2004. Thermal end effects on electroosmotic flow in a capillary. *International Journal of Heat and Mass Transfer*. 47: 3145-3157.
- [18] Lacey, M. E.; Webb, A. G.; Sweedler, J. V. 2002. On-Line temperature monitoring in a capillary electrochromatography frit using microcoil NMR. *Anal. Chem*. 74: 4583-4587.
- [19] Evenhuis, C. J., Guijt, R. M., Macka, M., Marriott, P. J., and P. R. Haddad. 2005. Internal electrolyte temperatures for polymer and fused-silica capillaries used in capillary electrophoresis. *Electrophoresis*. 26:4333-4344.
- [20] Rathore, A. S. 2004. Joule heating and determination of temperature in capillary electrophoresis and capillary electrochromatography columns. *Journal of Chromatography A*. 1037: 431-443.
- [21] Reijenga, J. C., Gagliardi, L. G., and E. Kenndler. 2007. Temperature dependence of acidity constants, a tool to affect separation selectivity in capillary electrophoresis. *Journal of Chromatography A*. 1155: 142-145.
- [22] Evenhuis, C. J. and P. R. Haddad. 2009. Joule heating effects and the experimental determination of temperature during CE. *Electrophoresis*. 30: 897-909.
- [23] Evenhuis, C. J., Guiljt, R. M., M. Macka, Marriot, P. J. and P. R. Haddad. 2006. Temperature profiles and heat dissipation in capillary electrophoresis. *Anal. Chem*. 78: 2684-2693.
- [24] Grushka, E., McCormick, R. M. And J.J. Kirkland. 1989. Effect of temperature gradients on the efficiency of capillary zone electrophroesis separations. *Anal. Chem*. 61:241-246.

- [25] Gobie, W. A., Ivory, C. F., J. 1990. Thermal model of capillary electrophoresis and a method for counteracting thermal band broadening. *Journal of Chromatography A*. 516(1): 191–210.
- [26] Levine, I. N. 2002. *Physical Chemistry*. 5th edition. McGraw Hill Companies, Inc. New York.
- [27] Nagai, H., Kuwabara, K. and G. Carta. 2008. Temperature dependence of the dissociation constants of several amino acids. *Journal of Chem. Eng. Data*. 53: 619-627.
- [28] Christensen, J. J., Hansen, L. D. and R. M. Izatt. 1976. *Handbook of proton ionization constants and related thermodynamic quantities*. John Wiley and Sons, Inc.
- [29] Perrin, D. D. 1972. *Dissociation constants of organic bases in aqueous solution. Supplement*. London. Butterworths.
- [30] Perrin, D. D. 1965. *Dissociation constants of organic bases in aqueous solution*. London. Butterworths.
- [31] Rived, F., Rosés, M and E. Bosch. 1998. Dissociation constants of neutral and charged acids in methyl alcohol. The acid strength resolution. *Anal. Chim. Acta*. 374(2-3): 309-324.