

## REFERENCES

1. Jensen, S., Jernelov, A., "Behaviour of mercury in the Environment." Technical Reports Series. No. 137, IAEA, 43, 1971.
2. Westoo, G., "Determination of Methylmercury Compounds in Foods." Acta Chem. Scand. 20(1966) : 2031.
3. Rabenstein, D.L., "The Chemistry of Methylmercury Toxicology." J.Chem.Ed. 55(1978) : 292.
4. Simpson, R.B., "Association Constants of Methylmercury with Sulfhydryl and Other Bases." J.Am.Chem.Soc. 83(1961) : 4711.
5. Davies, I.M., "Determination of Methylmercury in the Muscle of Marine Fish by Cold-vapor Atomic Absorption Spectroscopy." Anal.Chim.Acta. 102(1978) : 189.
6. Gage, J.C., "The Trace Determination of Phenyl and Methyl Mercury salts in Biological Materials." Analyst. 86(1961) : 457.
7. Magos, L., "Selective Atomic-absorption Determination of Inorganic mercury and Methylmercury in Undigested Biological Samples." Analyst.Lond., 96(1971) : 847.
8. Shum, G.T.C., Freeman, H.C. and Uthe, J.F., "Determination of Organic (methyl) mercury in Fish by Graphite Furnace

- Atomic Absorption Spectroscopy." Anal.Chem. 51(1979) : 414.
9. Westoo, G., "Determination of Methylmercury Compounds in Foodstuffs." Acta Chem.Scand. 21(1967) : 1790.
10. \_\_\_\_\_, "Determination of Methylmercury Salts in various Kinds of Biological Material." Acta Chem Scand. 22(1968) : 2277.
11. McNair, H.M., Bonelli, E.J., "Basic Gas Chromatography." Varian Aerograph, 1969.
12. Grob, L., "Modern Practice of Gas Chromatograph." John Wiley & Sons; New York, 1977.
13. Schafer, M.L., et al, "A Method for the Estimation of Methylmercuric Compounds in Fish." J.Agr.Food Chem. 23(1975): 1079.
14. Libich, S., Rabenstein, D.L., "NMR-Studies of the Solution Chemistry of Metal Comple ; Determination of Formation Constants of Methylmercury Complexes of Selected Carboxylic Acids." Anal.Chem. 45(1973) : 118.
15. Newsome, W.H., "Determination of Methylmercury in Fish and in Cereal Grain Products." J.Agr.Food Chem. 19(1971) : 118.
16. Analytical Methods Committics, "Determination of Mercury and Methylmercury in Fish," Analyst. 102(1977) : 769.

17. Eldridge, A., Sweet, T., "Spectrophotometric Determination of phenylmercuric acetate." Anal.Chem. 28(1956) : 1268.
18. Miller, V.L., Lillis, D., and Csonka, E., "Microestimation of Intact Phenylmercury Compounds in Animal Tissue." Anal.Chem. 30(1958) : 1705.
19. Von Burg, R., Farris, F., and Smith, J.C., "Determination of Methylmercury in Blood by Gas Chromatography." J. Chromat. 97(1974) : 65.
20. Olson, K.R., "Loss of Carbon - 14 and Mercury - 203 Labeled Methylmercury from Various Solution." Anal.Chem. 49(1977) : 23.
21. Krenkel, D.A., "Heavy Metals in the Aquatic Environment." Pergamon Press; New York, 1975.
22. Pecsok, R.L., et al, "Modern Methods of Chemical Analysis." 2<sup>nd</sup> ed., John Wiley & Sons; New York, 1976.
23. Brookes, C.J., Betteley, I.G., and Loxston, S.M., "Mathematics and Statistics for Student of Chemistry." John Wiley & Sons ; London, 1966.

VITA

Miss Hiranrat Suwannatee was born on November, 14, 1957 in Nakorn Pathom. She received her B.Sc. in Chemistry from Faculty of Science, Silpakorn University in 1978. She was supported by the University Development Commission Scholarship during the study towards the Master's degree of Science.

