

## **The Determination of Co, Cd and Pb in Seafoods of Thewet Market, Bangkok to Develop Quality of Life of Consumer**

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**Abstract :** The amount of heavy metals in our environment has been of great concern because of their toxicity when their concentration is more than the permissible level. These metals enter the environment by different ways such as industrial activities, soil pollution. We have used flame atomic absorption spectrometry technique for determination of the concentration of Co, Cd and Pb in different tissues of five samples of seafoods (mackerel, squid, mussels, scallops and shrimp). The concentrations of Co, Cd and Pb in all examined seafoods were less than the reported literature values (WHO). The results mentioned that the seafoods obtained from Thewet Market were safety to consumption and make the quality of life of people in the community look better.

**Keywords :** heavy metals, seafood, atomic absorption spectrometry, Bangkok

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