

DETERMINATION OF CADMIUM, CHROMIUM AND NICKEL  
OF POND AND MARINE PRAWN BY USING FLAME ATOMIC  
ABSORPTION SPECTROSCOPY

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SPECTROSCOPY**

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In the name of Allah, The Most Merciful and The Most Gracious.

I begin in the name Of Allah S. W. T who sends Muhammad S. A. W as the last Prophet for the guidance the mankind, Trillion of Blessing and Salutation upon him.

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## ABSTRACT

Concentration of Cd, Cr and Ni were determined in tissue tiger prawn (*Peneus monandon*) and white prawn (*Peneus indicus*) from two pond and two different sites of marine water prawn. The first pond in Teluk Intan and the second one in Pantai Remis. The marine prawn sample was taken in Merang and Sungai Besar. The concentration of heavy metal in white prawn at Pantai Remis is the highest compared with other sites and the concentration of nickel in sample is so small for all sites, approach to zero. The concentration of heavy metal need to determine by time to time to know it safe for eat or not, because higher concentration of heavy metal can cause side effect in long term or short term for human health.