

## Ringkasan

Telah dilakukan penelitian terhadap kandungan kobalt pada udang dan airnya serta pengaruh penambahan berbagai macam konsentrasi garam kobalt pada air terhadap kandungan kobalt pada udang dengan metoda spektroskopi serapan atom (SSA).

Penelitian menunjukkan bahwa kadar kobalt pada udang dipengaruhi oleh kadar kobalt airnya. Kadar kobalt pada air tawar 5,683 ppm dan pada air payau 9,227 ppm. Sedangkan kadar kobalt pada udang tawar adalah 1,237 ppm dan pada udang payau 2,357 ppm.

Kadar kobalt pada udang tawar akan terpengaruh secara nyata pada penambahan garam kobalt dengan konsentrasi 300 ppm dan udang payau akan terpengaruh secara nyata pada penambahan 200-300 ppm.



## Summary

Having been researched the content of cobalt in shrimps and its water, and also influence of cobalt salt concentration addition in the water against the cobalt content in shrimps by method of atomic absorption spectroscopy (AAS).

The research showed that the content of cobalt in shrimps was influenced by the content of cobalt in its water. The content of cobalt in fresh water is 5,683 ppm and also in salty water is 9,227 ppm. Mean while the content of cobalt in fresh shrimps was 1,237 ppm and the content of cobalt in salty shripms was 2,357 ppm.

The content of cobalt in fresh shrimps was really influenced in addition of cobalt salt concentration 300 ppm, and salty shrimps was really influenced in addition of cobalt salt 200-300 ppm.

