Chemical Composition, Mineral Content in Bone Powder from Tuna (*Thunnus albacares*) Frame and Chicken Bone

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**Abstract**—The chemical composition and content of minerals were analyzed in yellowfin tuna (*Thunnus albacares*) bone (frame) and chicken bone (feet). Four methods (drying, freeze drying, incubated, and alkaline method) were used to extract bone powder. These results showed that the amount of yield of bone powder in drying and freeze drying method is significantly more than incubated and chemical methods in tuna frame and chicken feet. The amount of crude ash was significantly higher in incubated and alkaline methods. But the amount of calcium and other minerals were significantly higher in drying and freeze drying methods.

**Keywords**— Chemical Composition, Frame and Chicken Bone