

CHEMICAL COMPOSITION AND POTENTIAL USES OF YELLOWFIN TUNA (*Thunnus albacares*) DARK MUSCLE

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ABSTRACT

Yellowfin tuna (*Thunnus albacares*) dark muscle is an edible by-product from tuna processing. It has a low commercial value and is underutilized. The present study was conducted to characterize chemical composition of yellowfin tuna dark muscle and reviewed in relation to potential uses. The results indicate that the tuna dark muscle is a promising source of material that can be used in the preparation of fish protein isolate, histidine-rich foods and antioxidants.

Keywords: *Tuna, by-product, dark muscle, fish protein, histidine*

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