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Chapter 10

Fish Collagen: Extraction, Properties, and Prospects

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Abstract

The 2020 edition of The State of World Fisheries and Aquaculture reported global fish production as 179 million tonnes in 2018. Out of the 179 million tones, 156 million tonnes were used for human consumption, equivalent to an estimated annual supply of 20.5 kg per capita. This means that a large amount of aquaculture waste is created yearly. Fish scales are one of the waste materials from fish. Interestingly, the useful component in fish scale is collagen. Collagen is the major protein in animal connective tissue, and it has been extensively used as a food and

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