APPLICATION OF UFB NANOTECHNOLOGY TO PRESERVE FOR OCEAN TUNA ON HANDLINES BOATS
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Summary
With purpose of improving the quality of ocean tuna to achieve to A standard for export, from 2016, the Research Institute for marine fisheries (RIMF) has co-operated with YZSIDE.COM PTE.LTD (Singapore) for experiment application of UFB (Ultra Fine Bubble) nanotechnology in preservation of ocean tuna on handlines boats in Binh Dinh. The project staffs and the researchers have performed two study tours and the achieved results were very good. All ocean tuna preserved by nanotechnology were certified for exporting fresh grade (type A, K value = 28 - 29%) to the Japanese market. Meanwhile, the quality of ocean tuna preserved in the traditional way by fishermen (control sample) are lower than class B quality (K value ≥ 32%).

Key word: Ocean tuna, UFB nanotechnology, handlines, preservation.