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## Effect of Yolk/White Ratio on Flow Property and Di Meat Emulsion

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Fish meat emulsion was prepared from very-low-lipid sardine mine through grinding or suspending in weak alkaline solution, and the ef ratio in a blended emulsifier on this emulsion was investigated using microscopy. A blended egg yolk/egg white ratio of 0.233/0.466 we ratio in the real whole egg. Four changes in flow property, reported used as an emulsifier instead of egg yolk, were reproduced in ground blended emulsifier: (1) the decrease in the flow behavior index in the increase in the yield stress in the up-curve (3) the decrease in the condown-curve and (4) the increase in the hysteresis loop area. In sus

(2) and (4) became obviously true at the yolk/white ratios of 0.1/0 moisture in suspended meat, which was prepared from sardines chi slightly longer period, would be the main reason for the result that a reproduced at the ratio of 0.233/0.466. The effect of the egg-white under the higher moisture conditions of the suspended meat due to increase in oil droplet size by the effects of both yolk and white cat the droplet shape and the resulting coalescence during the shear. A thinning property was intensified. The thread-like substances and the structure tightly adhered to the surface of the droplet during the she coalescence at the yolk/white ratio of 0.0/0.7.

Keywords: fish meat emulsion, yolk/white ratio, flow property, dro

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