

## Abstract

Research Title : Coconut (*Cocos nucifera* L.) husk extract to prevent oxidation reaction in oil

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The aim of this research is the study of natural extract from coconut husk and used for antioxidant substance in the fat and oil product. The bad smell of fat and oil product will be reduce after add the coconut husk extract. Frist part of this research, we study the optimum condition for extract tannin from coconut husk. The chemical and physical properties of coconut extract were compared with standard hydrolysable tannin (Tannic acid). The mixed of hydrolysable tannin and condense tannin was found from coconut husk. Then, spectroscopy method was used for characterization coconut husk extract. Amount of coconut husk extract was study with UV-Vis spectroscopy.