

ABSTRACT

The purpose of this research was to know the shelf life of pineapple lunkhead which packed by edible film extract white tea, and then to know how good the costumer acceptance consumption. The benefits of this research include providing useful scientific information about edible film-based packaging; as a media publication of the use of edible film as an environmentally friendly food packaging to the public; and can improve the quality and economic value in pineapple lunkhead. The research methode used for determining the shelf life was ASLT methode with Arrhenius approached.

Preliminary research made white tea extract, making edible film extracted 0.5% white tea and 1% then analyzed the characteristics and antioxidant activity using DPPH method to obtain the selected packaging for use in the main research.

The result of estimation of shelf life of pineapple lunkhead of edible film packaging selected with parameter of water content, Aw, total mold and FFA in general not very significant difference. Organoleptic test results on pineapple lunkhead packed edible film with parameters such as color, flavor, taste and after taste are generally preferred so as to be accepted by consumers.

Keyword : shelf life, edible film white tea extract, pineapple lunkhead