

## ABSTRACT

Indonesia is a country that is rich in natural resources, especially its various fruits. Some of the famous fruits used in Indonesia for skin care are dragon fruit and oranges. So far, only the flesh is taken from oranges and dragon fruit, while the skin is discarded and considered as waste. Though the skin has content that is beneficial for skin care. Therefore, this research utilizes fruit peels as materials for making Body Scrub Bars as an application of 3R (Reuse-Reduce-Recycle) in the process of processing food waste. Besides that, making natural body scrubs or body scrubs in cream form usually uses rice flour as the main component which can cause the body scrub to smell bad. Therefore in this research, Body Scrubs in Bar form were made using Red Dragon Fruit Peel Extract and Orange Peel Extract to produce a product that is better in terms of texture and aroma during application. Then, a comparison of the organoleptic, pH, irritation, spreadability, stickiness, homogeneity and stability tests was carried out on the Body Scrub Bar Extract of Red Dragon Fruit Peel and Orange Peel Extract. From the results of the stability and organoleptic tests that have been carried out, it was found that the Body Scrub Bar of Red Dragon Fruit Peel Extract first showed physical changes on the 4th day with a significant color change from red to light brown. Meanwhile, in the pH test, irritation, spreadability, stickiness and homogeneity of the two preparations did not show any difference.

**Keywords:** Body Scrub Bar, Orange peel extract, Dragon fruit peel extract, Physical quality test of preparations, fruit peel waste