

## Perbandingan efek aplikasi adas manis segar tumbuk dan adas manis segar destilasi pada mukosa mulut tikus wistar strain LMR yang mengalami peradangan (penelitian laboratorik)

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20437558&lokasi=lokal>

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### Abstrak

Oral mucous inflammation is common in our community. Therefore we need an anti-inflammatory medicine with affordable price, relative low adverse effects, and easily obtained in our environment. Sweet fennel is a plant that widely used in our community as a decorating plant, food flavouring and herbal medicine for various diseases. The affectivity for fennel has not been clinically examined. Therefore we are interested in finding our the affectivity of sweet fennel as an alternative anti-inflammatory. The aim of this research is to examine and compare reaction of both crushed and distilled fennel fruit on inflamed oral mucosa caused by hydrogen peroxide 10%. 14 rats were used and divided into 4 groups, and controls (6 rats). They received hydrogen peroxide 10% applications on vestibulum mucosa for there days to make the inflammation. After that they received crushed and distilled fennel. There days later they were killed and the vestibulum mucosa was excised for microscopic slides. The results show that the crushed the redness of oral mucosa. The conclusion is fennel could reduce an inflammation and there is no difference of healing either by crushed or distilled fennel.