

Uji toksisitas akut ekstrak daun psidium guava linn (daun jambu biji) terhadap mencit (mus musculus)

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20436955&lokasi=lokal>

Abstrak

The Psidium guava Linn leaf extract as mouthrinse has been suggested to be used against toothache, and also has suggested effect against diarrhea and vomiting, as well as anti spasmodic and rheumatic symptoms, anti inflammation, anti pyretic, analgetic, and anti bacterial activity. However, to consider potential side effects, this work aimed to test the acute toxicity of guava leaf extract. For this purpose guava leaf extract was given orally to groups of ten mice each at a doses of 1.25g, 2.5, 5, 10 and 21 g/kg body weight in a suspension with CMC Na 0,5%. Ten mice were used as control with a dose of 1 ml CMC Na 0,5%. The results suggest no acute toxicity to mice, since even the biggest dose given (show no measurable) value of LD 50. It could be concluded that guava leaf extract shows no acute toxicity to mice at tested concentrations.