

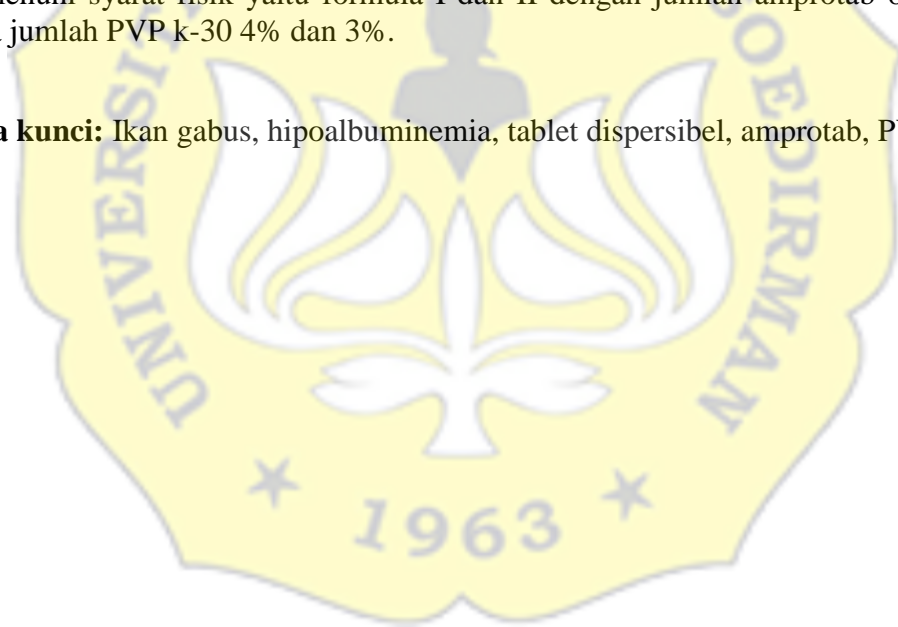
INTISARI

Ekstrak ikan gabus (*Channa striata*) mengandung albumin. Albumin dapat digunakan untuk mengatasi hipoalbuminemia. Penelitian ini bertujuan untuk mengetahui pengaruh amprotab dan PVP k-30 terhadap sifat fisik sediaan tablet dispersibel.

Formula tablet dirancang dengan variasi eksipien amprotab dan PVP k-30 yaitu F1 (6% amprotab dan 4% PVP k-30), F2 (7% amprotab dan 3% PVP k-30), F3 (8% amprotab dan 2% PVP k-30), F4 (9% amprotab dan 1% PVP k-30). Tablet diuji sifat fisiknya seperti organoleptik, keseragaman ukuran, keseragaman bobot, kekerasan, kerapuhan, waktu hancur, waktu dispersi. Data yang diperoleh dianalisis dengan menggunakan uji ANOVA *one way* dan dilanjutkan LSD.

Hasil penelitian menunjukkan bahwa penambahan jumlah PVP k-30 dan pengurangan jumlah amprotab pada tablet dispersibel ikan gabus tidak berpengaruh terhadap keseragaman bobot, kerapuhan dan berkurangnya waktu hancur tetapi berpengaruh terhadap peningkatan keseragaman ukuran, kekerasan dan berkurangnya waktu terdispersi. Formula yang menghasilkan tablet dispersibel ikan gabus yang memenuhi syarat fisik yaitu formula I dan II dengan jumlah amprotab 6% dan 7% serta jumlah PVP k-30 4% dan 3%.

Kata kunci: Ikan gabus, hipoalbuminemia, tablet dispersibel, amprotab, PVP k-30



ABSTRACT

Snake head fish (*Channa striata*) contains albumin ($2.17 \pm 0,14$ g/100mL). Albumin can be used to treat hypoalbuminemia. This study aims to determine the effect of amprotab and PVP K-30 on the physical properties dispersibel tablet dosage form.

The tablet formulation was designed with variation of excipients amprotab and PVP K-30, that variation were F1 (6% amprotab and 4% PVP k-30), F2 (7% amprotab and 3% PVP k-30), F3 (8% amprotab and 2% PVP k-30), F4 (9% amprotab and 1% PVP k-30). Tablet tested physical properties such as organoleptic, uniformity of size, weight uniformity, hardness, friability, disintegration time, dispersion time. Data were analyzed using one-way ANOVA test and LSD.

The results showed that the addition of PVP K-30 and reduce of amprotab had no effect on weight uniformity, decreased friability and reduced disintegration time but effect on the increase in uniformity of size, hardness and reduced dispersion time. Formulation of dispersible tablet snake head fish that produces qualify physically were formula I and II with amount of amprotab 6%, 7% and PVP K-30 of 4%, 3%.

Keyword: snake head fish, hypoalbuminemia, dispersible tablet, amprotab, PVP k-30

