

**Erratum**

**ESTIMATION OF BACOSIDE-A IN *BACOPA MONNIERI* AERIAL PARTS USING TLC DENSITOMETRY**

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Ref: <http://www.ijppsjournal.com/Vol7Issue12/8865.pdf>

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**ABSTRACT**

**Objective:** The objective of the present work was to formulate and evaluate a stable, odour free garlic powder loaded floating matrix tablet for the treatment of peptic ulcers.

**Methods:** A gastro-retentive floating matrix tablet (FMT) formulation of garlic powder (GP) was prepared using various concentrations of hydroxypropyl methylcellulose K4M (HPMC K4 M) and effervescent system (sodium bicarbonate and citric acid in 1:1 % w/w) to achieve desirable floating time (FT), floating lag time (FLT) and drug release. Wet granulation method was selected using ethanol as a binder for preparation of tablet. 3<sup>2</sup> full factorial designs were used for selection of suitable polymer concentration and effervescent system. Nonenteric film coating was applied to mask GP odour.

**Results:** It was observed that FMT with optimum quantities of HPMC K4M and the effervescent system showed 97 % of drug release in 12 h with FT up to 10 h and minimum FLT of 3 min. There was no significant change in FLT, FT and drug content during the stability study of FMT.

**Conclusion:** A stable, sustained release FMT of GP tablets using HPMC K4M and an effervescent system was successfully prepared. This formulation can overcome problems of taste and odour masking, gastric irritation, and loss of active constituents present in garlic.

**Keywords:** Garlic powder, *H. pylori*, Floating time, Floating Lag time, Floating Matrix tablet, HPMC K4M

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