

Antioxidant properties of fresh, powder, and fiber products of mango (*Mangifera foetida*) fruit.

Abstract

This study was aimed to investigate the antioxidant capacity and antioxidant components in fresh, powder and fiber products prepared from *Mangifera foetida* fruit, locally known as bacang. The antioxidant capacity and components (reducing, flavonoid, carotenoid, and ascorbic acid contents) were in the order of fresh > fiber > powder, whereas based on β -carotene bleaching method, order of antioxidant activity was fiber > powder > fresh. Pearson correlation coefficient showed that there was positive and significant correlation ($r > 0.9$) between antioxidant capacity and certain antioxidant components.

Keyword: Antioxidant capacity; Antioxidant components; *Mangifera foetida*