

## **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  $\beta$ -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*