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Title: Encapsulation and antioxidant activity of ascorbyl palmitate with maize starch during pasting

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1 **Highlights**

- 2 ✓ Maize starch can encapsulate palmitic acid and ascorbyl palmitate
- 3 ✓ The encapsulation is by formation of amylose-lipid complexes
- 4 ✓ Limited release of bound ascorbyl palmitate during alpha amylase hydrolysis.
- 5

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