

## Supporting information

### Iodine solution test

The presence of starch was tested with the addition of amylase into pectin sample. 0.05 g of sample was weighed and added into 5 mL distilled water in a test tube with stirring for about 30 min until fully dissolved. Then about 1 mL of KI/I<sub>2</sub> solution was added into the test tube and the colour change was observed. The results are shown in table S1.

Table S1. KI/I<sub>2</sub> solution test for the presence of starch in mango peel pectin

Sample	Component	Colour change after KI/I <sub>2</sub> added
1	Commercial starch	Dark blue
2	Mango peel pectin	Dark blue
3	Mango peel pectin + amylase	No change
4	Commercial pectin	No change