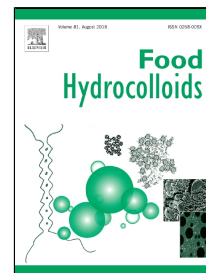


# Accepted Manuscript

Sweet potato starch modified by branching enzyme,  $\beta$ -amylase and transglucosidase

Li Guo

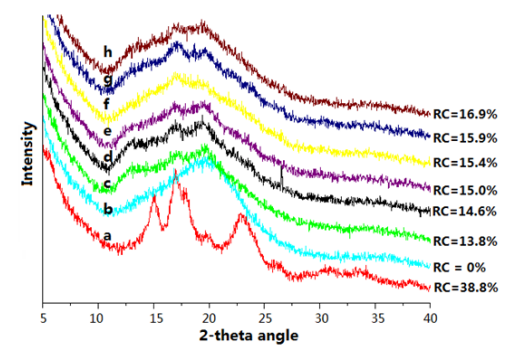
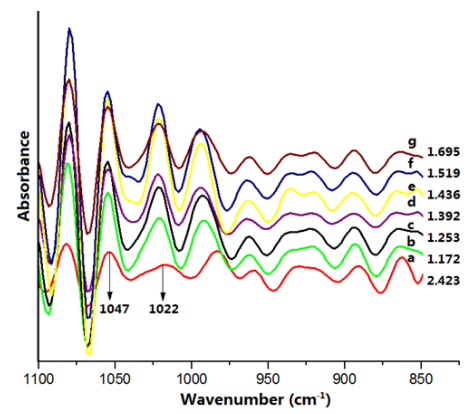
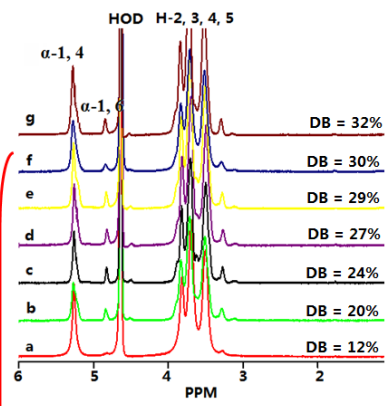


PII: S0268-005X(18)30204-2  
DOI: 10.1016/j.foodhyd.2018.05.005  
Reference: FOOHYD 4423  
To appear in: *Food Hydrocolloids*  
Received Date: 03 February 2018  
Revised Date: 08 April 2018  
Accepted Date: 04 May 2018

Please cite this article as: Li Guo, Sweet potato starch modified by branching enzyme,  $\beta$ -amylase and transglucosidase, *Food Hydrocolloids* (2018), doi: 10.1016/j.foodhyd.2018.05.005

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

# Graphical abstract

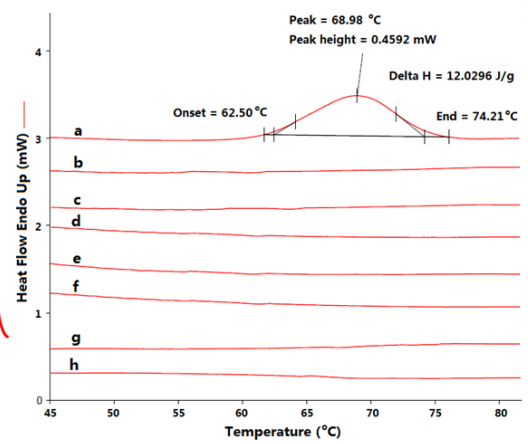


a. Control; b. BE; BE + BA + TG (different TG treatment time); c. 0 h; d. 2 h; e. 4 h; f. 6 h; g. 8 h

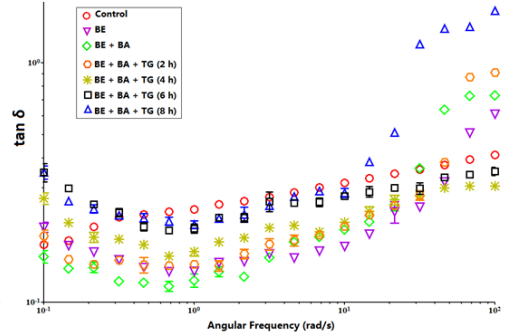
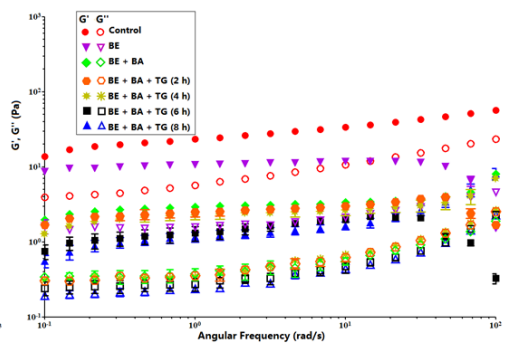
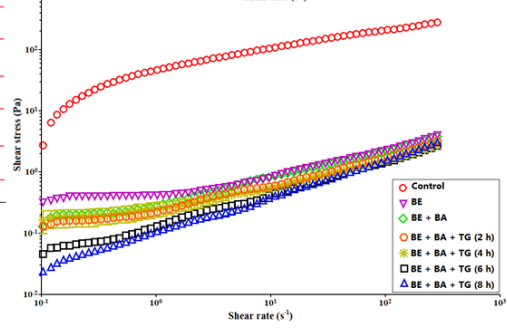
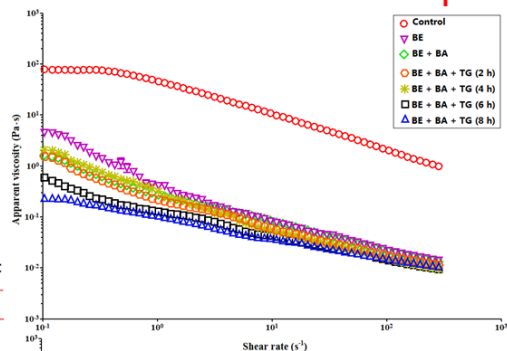
a. Native starch; b. Control; c. BE; BE + BA + TG (different TG treatment time); d. 0 h; e. 2 h; f. 4 h; g. 6 h; h. 8 h

## The relationship between branch structure and physicochemical properties of modified starches

Sweet potato starch  $\xrightarrow{\text{BE} \rightarrow \text{BA} \rightarrow \text{TG}}$



a. Native starch; b. Control; c. BE; BE + BA + TG (different TG treatment time); d. 0 h; e. 2 h; f. 4 h; g. 6 h; h. 8 h



AC

Download English Version:

<https://daneshyari.com/en/article/6985504>

Download Persian Version:

<https://daneshyari.com/article/6985504>

[Daneshyari.com](https://daneshyari.com)