Accepted Manuscript

Title: Rheological, structural and functional properties of high-pressure treated quinoa starch in dispersions

Authors: Jasim Ahmed, Linu Thomas, Yasir Ali Arfat, Antony

Joseph

PII: S0144-8617(18)30635-0

DOI: https://doi.org/10.1016/j.carbpol.2018.05.081

Reference: CARP 13663

To appear in:

Received date: 10-4-2018 Revised date: 7-5-2018 Accepted date: 27-5-2018

Please cite this article as: Ahmed, Jasim., Thomas, Linu., Arfat, Yasir Ali., & Joseph, Antony., Rheological, structural and functional properties of high-pressure treated quinoa starch in dispersions. *Carbohydrate Polymers* (2018), https://doi.org/10.1016/j.carbpol.2018.05.081

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.



ACCEPTED MANUSCRIPT

Rheological, structural and functional properties of high-pressure treated quinoa starch in dispersions

Jasim Ahmed*, Linu Thomas, Yasir Ali Arfat and Antony Joseph

Food and Nutrition Program

Environment & Life Sciences Research Center

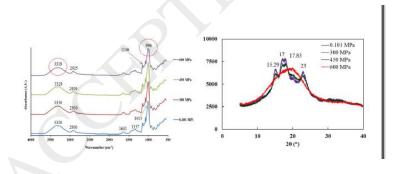
Kuwait Institute for Scientific Research, P.O. Box 24885

Safat-13109, Kuwait

*To whom correspondence should be addressed.

E-mail: jaahmed@kisr.edu.kw; jahmed2k@yahoo.com

Graphical abstract



Highlights

- Quinoa starch dispersions were high-pressure treated.
- The threshold gelatinization pressure for quinoa starch was 600 MPa.

Download English Version:

https://daneshyari.com/en/article/7782000

Download Persian Version:

https://daneshyari.com/article/7782000

Daneshyari.com