

# Accepted Manuscript

Rheological behavior and antioxidant activity of a highly acidic gum from *Althaea officinalis* flower

Mehdi Tabarsa, Mohammad Anvari, Helen S. Joyner (Melito), Shabnam Behnam, Alireza Tabarsa



PII: S0268005X16307883

DOI: [10.1016/j.foodhyd.2017.02.009](https://doi.org/10.1016/j.foodhyd.2017.02.009)

Reference: FOOHYD 3798

To appear in: *Food Hydrocolloids*

Please cite this article as: Mehdi Tabarsa, Mohammad Anvari, Helen S. Joyner (Melito), Shabnam Behnam, Alireza Tabarsa, Rheological behavior and antioxidant activity of a highly acidic gum from *Althaea officinalis* flower, *Food Hydrocolloids* (2017), doi: 10.1016/j.foodhyd.2017.02.009

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.

- The gum from *A. officinalis* flower is classified as a rhamnan-rich polysaccharide
- The gum showed negatively charged carboxyl groups and high antioxidant activity
- Rheological properties of the gum changed with temperature and concentration
- The gum showed weak gel properties at lower temperatures or higher concentrations

Download English Version:

<https://daneshyari.com/en/article/4983937>

Download Persian Version:

<https://daneshyari.com/article/4983937>

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