

Accepted Manuscript

Title: Rheological properties of gels formed by physical interactions between hyaluronan and cationic surfactants

Authors: Tereza Venerová, Miloslav Pekař

PII: S0144-8617(17)30483-6
DOI: <http://dx.doi.org/doi:10.1016/j.carbpol.2017.04.087>
Reference: CARP 12275



To appear in:

Received date: 17-2-2017
Revised date: 30-3-2017
Accepted date: 25-4-2017

Please cite this article as: Venerová, Tereza., & Pekař, Miloslav., Rheological properties of gels formed by physical interactions between hyaluronan and cationic surfactants. *Carbohydrate Polymers* <http://dx.doi.org/10.1016/j.carbpol.2017.04.087>

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.

Rheological properties of gels formed by physical interactions between hyaluronan and cationic surfactants

Tereza Venerová venerova@fch.vut.cz, Miloslav Pekař* pekar@fch.vut.cz

Brno University of Technology, Faculty of Chemistry, Materials Research Centre,
Purkyňova 118, 612 00 Brno, Czech Republic

*Corresponding author; phone +420 5 4114 9330; fax +420 5 4121 1697

Highlights

- hyaluronan and cationic surfactants form gels,
- gel viscoelastic properties can be modified over a broad range,
- molecular weight and initial concentrations are the controlling parameters,
- no correlation with the charge ratio was found.

ABSTRACT

Download English Version:

<https://daneshyari.com/en/article/5157630>

Download Persian Version:

<https://daneshyari.com/article/5157630>

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