

Accepted Manuscript

Title: Preparation of hydroxypropyl agars and their properties

Author: Xiaodong Zhang Xin Liu Mingzhao Cao Kai Xia
Yuqiao Zhang



PII: S0144-8617(15)00372-0
DOI: <http://dx.doi.org/doi:10.1016/j.carbpol.2015.04.056>
Reference: CARP 9887

To appear in:

Received date: 2-2-2015
Revised date: 8-4-2015
Accepted date: 18-4-2015

Please cite this article as: Zhang, X., Liu, X., Cao, M., Xia, K., and Zhang, Y., Preparation of hydroxypropyl agars and their properties, *Carbohydrate Polymers* (2015), <http://dx.doi.org/10.1016/j.carbpol.2015.04.056>

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.

Highlights

1
2
3
4
5
6
7

- The physicochemical properties of hydroxypropyl agar were studied.
- The gel skeleton structure of hydroxypropyl agar was characterized by Cryo-SEM.
- Verified that the hygroscopicity of agar was increased after hydroxypropylation.
- TPA of hydroxypropyl agar gel was carried out.

Accepted Manuscript

Download English Version:

<https://daneshyari.com/en/article/7788156>

Download Persian Version:

<https://daneshyari.com/article/7788156>

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