

## Accepted Manuscript

Title: Analysis of Lecithin Treatment Effects on the Structural Transformation of Wool Fiber using Vibrational Spectroscopy

Authors: Hossein Barani, Aminoddin Haji, Homa Maleki

PII: S0141-8130(17)34062-X  
DOI: <https://doi.org/10.1016/j.ijbiomac.2017.11.167>  
Reference: BIOMAC 8647

To appear in: *International Journal of Biological Macromolecules*

Received date: 18-10-2017  
Revised date: 23-11-2017  
Accepted date: 27-11-2017

Please cite this article as: Hossein Barani, Aminoddin Haji, Homa Maleki, Analysis of Lecithin Treatment Effects on the Structural Transformation of Wool Fiber using Vibrational Spectroscopy, *International Journal of Biological Macromolecules* <https://doi.org/10.1016/j.ijbiomac.2017.11.167>

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.



Analysis of Lecithin Treatment Effects on the Structural Transformation of Wool Fiber using Vibrational Spectroscopy

Hossein Barani<sup>1</sup>, Aminoddin Haji<sup>2</sup> and Homa Maleki<sup>1</sup>

<sup>1</sup>Department of Carpet, Faculty of Art, University of Birjand, Birjand, Iran

<sup>2</sup>Textile Engineering Department, Birjand Branch, Islamic Azad University, Birjand, Iran

Corresponding author: Hossein Barani, Department of Carpet, Faculty of Art, University of Birjand, 17 shahrivar street, Birjand, Iran,

E-mail: [barani@birjand.ac.ir](mailto:barani@birjand.ac.ir)

Phone: +98 561 2502050

Fax: +98 561 2227225

Download English Version:

<https://daneshyari.com/en/article/8328551>

Download Persian Version:

<https://daneshyari.com/article/8328551>

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