## **Accepted Manuscript**

Colour modulation of blue anthocyanin-derivatives. Lignosulfonates as a tool to improve the water solubility of natural blue dyes

Paula Araújo, Nuno Basílio, Joana Azevedo, Ana Fernandes, Nuno Mateus, Fernando Pina, Victor de Freitas, Joana Oliveira

PII: S0143-7208(17)32604-9

DOI: 10.1016/j.dyepig.2018.02.019

Reference: DYPI 6550

To appear in: Dyes and Pigments

Received Date: 20 December 2017
Revised Date: 30 January 2018
Accepted Date: 8 February 2018



Please cite this article as: Araújo P, Basílio N, Azevedo J, Fernandes A, Mateus N, Pina F, de Freitas V, Oliveira J, Colour modulation of blue anthocyanin-derivatives. Lignosulfonates as a tool to improve the water solubility of natural blue dyes, *Dyes and Pigments* (2018), doi: 10.1016/j.dyepig.2018.02.019.

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.

## **Graphical abstract**

## Download English Version:

## https://daneshyari.com/en/article/6598934

Download Persian Version:

https://daneshyari.com/article/6598934

<u>Daneshyari.com</u>