

Accepted Manuscript

On-field Raman Spectroscopy of Patagonian Prehistoric Rock Art: Pigments, Alteration Products and Substrata

Anastasia Rousaki, Emmanuel Vargas, Cristina Vázquez, Verónica Aldazábal, Cristina Bellelli, Mariana Carballido Calatayud, Adam Hajduk, Oscar Palacios, Luc Moens, Peter Vandenabeele

PII: S0165-9936(17)30456-9

DOI: [10.1016/j.trac.2018.05.011](https://doi.org/10.1016/j.trac.2018.05.011)

Reference: TRAC 15155

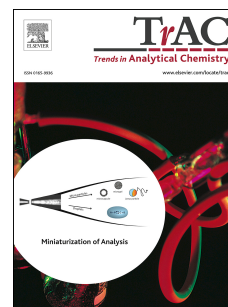
To appear in: *Trends in Analytical Chemistry*

Received Date: 12 November 2017

Accepted Date: 18 May 2018

Please cite this article as: A. Rousaki, E. Vargas, C. Vázquez, V. Aldazábal, C. Bellelli, M.C. Calatayud, A. Hajduk, O. Palacios, L. Moens, P. Vandenabeele, On-field Raman Spectroscopy of Patagonian Prehistoric Rock Art: Pigments, Alteration Products and Substrata, *Trends in Analytical Chemistry* (2018), doi: 10.1016/j.trac.2018.05.011.

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.



**On-field Raman Spectroscopy of Patagonian Prehistoric Rock Art: Pigments,
Alteration Products and Substrata**

Anastasia Rousaki ¹, Emmanuel Vargas ², Cristina Vázquez ^{3,4}, Verónica Aldazábal ⁵,
Cristina Bellelli ⁶, Mariana Carballido Calatayud ⁷, Adam Hajduk ⁸, Oscar Palacios ⁴,
Luc Moens¹, Peter Vandenabeele ^{1,9*}

1. Ghent University, Department of Chemistry, Krijgslaan 281(S-12), B-9000 Ghent, Belgium.
2. CONICET-IIDyPCa-UNRN, Mitre 630, San Carlos de Bariloche, Argentina.
3. Comisión Nacional de Energía Atómica. Gerencia Química. Av. Gral Paz 1499. (1650) San Martín. Argentina.
4. Facultad de Ingeniería, Universidad de Buenos Aires, Av. P. Colón 850 (1063), Buenos Aires, Argentina.
5. IMHICIHU, CONICET, Saavedra 15, 5°, (1083), Buenos Aires, Argentina.
6. CONICET-INAPL, 3 de Febrero 1370, (1426), Buenos Aires, Argentina.
7. CONICET-INAPL-UBA, 3 de Febrero 1370. (1426), Buenos Aires. Argentina.
8. Museo de la Patagonia, Francisco P. Moreno, Centro Cívico s/n, Bariloche, Argentina.
9. Ghent University, Department of Archaeology, Sint-Pietersnieuwstraat 35, B-9000 Ghent, Belgium, Raman@UGent.be

* Author to whom correspondence should be sent

Download English Version:

<https://daneshyari.com/en/article/7687701>

Download Persian Version:

<https://daneshyari.com/article/7687701>

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