Accepted Manuscript

A methodological approach to study the stability of selected watercolours for painting reintegration, through reflectance spectrophotometry, Fourier transform infrared spectroscopy and hyperspectral imaging



Claudia Pelosi, Giuseppe Capobianco, Giorgia Agresti, Giuseppe Bonifazi, Fabio Morresi, Sara Rossi, Ulderico Santamaria, Silvia Serranti

PII:	S1386-1425(18)30199-9
DOI:	doi:10.1016/j.saa.2018.03.008
Reference:	SAA 15880
To appear in:	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy
Received date:	24 August 2017
Revised date:	27 February 2018
Accepted date:	4 March 2018

Please cite this article as: Claudia Pelosi, Giuseppe Capobianco, Giorgia Agresti, Giuseppe Bonifazi, Fabio Morresi, Sara Rossi, Ulderico Santamaria, Silvia Serranti , A methodological approach to study the stability of selected watercolours for painting reintegration, through reflectance spectrophotometry, Fourier transform infrared spectroscopy and hyperspectral imaging. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Saa(2017), doi:10.1016/j.saa.2018.03.008

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.

ACCEPTED MANUSCRIPT

A methodological approach to study the stability of selected watercolours for painting reintegration, through reflectance spectrophotometry, Fourier transform infrared spectroscopy and hyperspectral imaging

Claudia Pelosi^{1*}, Giuseppe Capobianco², Giorgia Agresti¹, Giuseppe Bonifazi², Fabio Morresi³, Sara Rossi¹, Ulderico Santamaria^{1,3}, Silvia Serranti²

 ¹Department of Economics, Engineering, Society and Business Organization, Laboratory of Diagnostics and Materials Science, University of Tuscia, Largo dell'Università, 01100 Viterbo, Italy
²Department of Chemical Engineering Materials & Environment, Sapienza, Rome University, Via Eudossiana 18, 00184 Rome, Italy,
³Laboratory of Diagnostics for Conservation and Restoration, Vatican Museums, 001100 Vatican City

*Corresponding author:

Claudia Pelosi

University of Tuscia Department of Economics, Engineering, Society and Business Organisation Laboratory of Diagnostics and Materials Science Largo dell'Università 01100 Viterbo (Italy) Tel: +390761357673 Fax: +300761357182 **e-mail address: pelosi@unitus.it** Mobile: +393332877468 Download English Version:

https://daneshyari.com/en/article/7669323

Download Persian Version:

https://daneshyari.com/article/7669323

Daneshyari.com