

Accepted Manuscript

Portuguese tin-glazed earthenware from the 17th century. Part 2: a spectroscopic characterization of pigments, glazes and pastes of the three main production centres

L.F. Vieira Ferreira, D.P. Ferreira, D.S. Conceiç ão, L.F. Santos, M.F.C. Pereira, T.M. Casimiro, I. Ferreira Machado

PII: S1386-1425(15)00562-4

DOI: <http://dx.doi.org/10.1016/j.saa.2015.04.090>

Reference: SAA 13641

To appear in: *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*

Received Date: 24 October 2014

Revised Date: 26 March 2015

Accepted Date: 20 April 2015



Please cite this article as: L.F. Vieira Ferreira, D.P. Ferreira, D.S. Conceiç ão, L.F. Santos, M.F.C. Pereira, T.M. Casimiro, I. Ferreira Machado, Portuguese tin-glazed earthenware from the 17th century. Part 2: a spectroscopic characterization of pigments, glazes and pastes of the three main production centres, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* (2015), doi: <http://dx.doi.org/10.1016/j.saa.2015.04.090>

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.

Portuguese tin-glazed earthenware from the 17th century. Part 2: a spectroscopic characterization of pigments, glazes and pastes of the three main production centres.

L.F. Vieira Ferreira^{a,*}, D.P. Ferreira^a, D.S. Conceição^a, L.F. Santos^b, M.F.C. Pereira^c, T. M. Casimiro^d, I. Ferreira Machado^{a,e}

^a CQFM- Centro de Química-Física Molecular and IN-Institute of Nanoscience and Nanotechnology, Instituto Superior Técnico, Universidade Técnica de Lisboa, Av. Rovisco Pais, 1049-001 Lisboa, Portugal.

^b Departamento Engenharia Química and ICEMS, Instituto Superior Técnico Universidade Técnica de Lisboa, Av. Rovisco Pais, 1049-001 Lisboa, Portugal.

^c CEPGIST-Centro de Petrologia e Geoquímica/ CERENA- Centro de Estudos em Recursos Naturais e Ambiente, Instituto Superior Técnico Universidade Técnica de Lisboa, Av. Rovisco Pais, 1049-001 Lisboa, Portugal.

^d Instituto de Arqueologia e Paleociências da Universidade Nova de Lisboa. Departamento de História, Avenida de Berna 26-C, 1069-061 Lisboa, Portugal.

^e Department of Technology and Design, School of Technology and Management, Polytechnic Institute of Portalegre, P-7300-110 Portalegre, Portugal.

Number of Figures: 7
Number of Tables: 3

* To whom correspondence should be addressed.
E-mail: LuisFilipeVF@tecnico.ulisboa.pt

Keywords: Pottery, μ -Raman, XRD, GSXR, PIXE.

Download English Version:

<https://daneshyari.com/en/article/7671528>

Download Persian Version:

<https://daneshyari.com/article/7671528>

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