

Byzantine and early Ottoman Tablewares in Sèvres and the Louvre Museum: Investigations by PIXE into Provenance and Technology

Anne Bouquillon^{*}, Jacques Burlot^{**}, Yona Waksman^{**}, Laurence Tilliard^{***}, Charlotte Maury^{****}

^{*} PSL Chimie ParisTech & Centre de Recherche et de Restauration des Musées de France, Palais du Louvre – Porte des Lions, 14 quai François Mitterrand, 75001 Paris, France.

^{**} Centre National de la Recherche Scientifique, UMR 5138 « Archéométrie et Archéologie », Maison de l’Orient et de la Méditerranée, 7 rue Raulin, 69365 Lyon cedex 7, France.

^{***} Cité de la céramique, 2 place de la Manufacture, 92310 Sèvres, France.

^{****} Musée du Louvre, Département des arts de l’Islam, 75058 Paris cedex 01, France.

Byzantine and Turkish pottery in museum collections around the world are dominated by types belonging to the "Main Middle Byzantine Production" (MBP), for the former, and by Ottoman wares, including the so-called "Miletus ware", for the latter. Thanks to recent archaeological and archaeometric studies of similar wares coming from excavations, these productions and their manufacturing techniques could be better defined.

PIXE analysis was carried out using the AGLAE facility at the C2RMF laboratory (Paris), in order to compare examples from Sèvres and the Louvre Museum to these newly defined productions, and to contextualize in terms of provenance and technology these museum pieces.