

External reflection FTIR spectroscopy applied to archaeological pottery: a non-invasive investigation about provenance and firing temperature

Silvia Bruni, Margherita Longoni, Francesca De Filippi, Noemi Calore and Giovanna Bagnasco Gianni

Supplementary Material

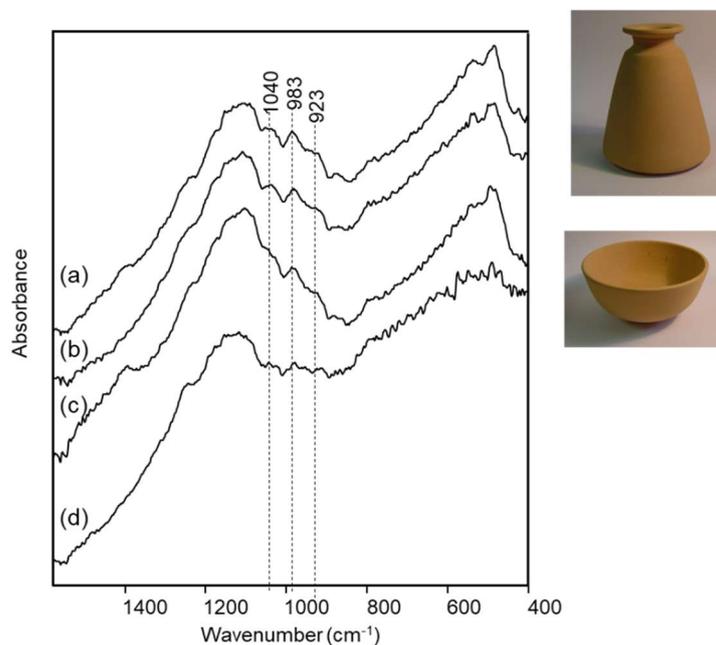


Figure S1. External reflection FTIR spectra acquired on areas with different radius of curvature of modern ceramic vessels (shown in the photographs): (a) wall and (b) bottom of the conical vase; (c) wall and (d) bottom of the bowl. The marked bands, assigned to the phases wollastonite CaSiO_3 and gehlenite (in agreement with the results of XRD analysis, data not shown), can be reproducibly observed in the four spectra and the overall pattern is also similar.