



Raman study of the brownish-yellow pigment from a Roman Basilica (Dobrogea, Romania – 4th–6th century A.D.)

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Abstract

11 fragments of wall painting from the Beroe fortress, Romania (4th–6th century) were analysed through Raman spectroscopy. The yellow-brown pigment on the fragments is jarosite and/or Na-jarosite. Other than at 445 cm⁻¹, the Raman lines of all the spectra are identical. This Raman line is slightly shifted in different spectra, and this fact proves the presence of both jarosite and Na-jarosite.

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