

Yellow 1

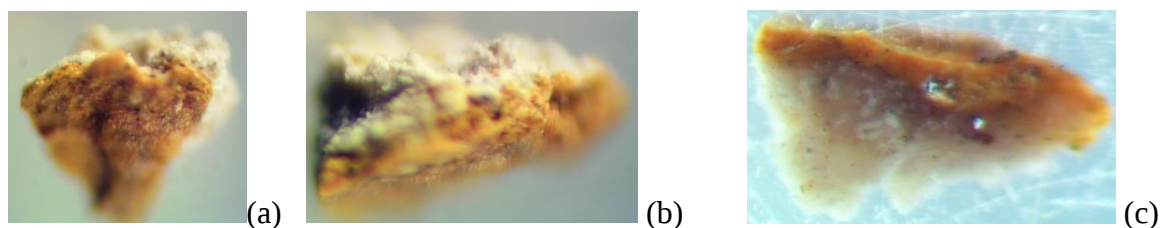


Fig. 1 Yellow sample from the Marian figure before embedding in resin for cross-sectioned preparation. Top view (a), side view (b) and cross-section preparation (c). Orpiment is identified by pXRF during on-site analysis and MRS from the cross-section shown in (c). SEM-EDS also gave similarly supportive complementary information.

Yellow 2

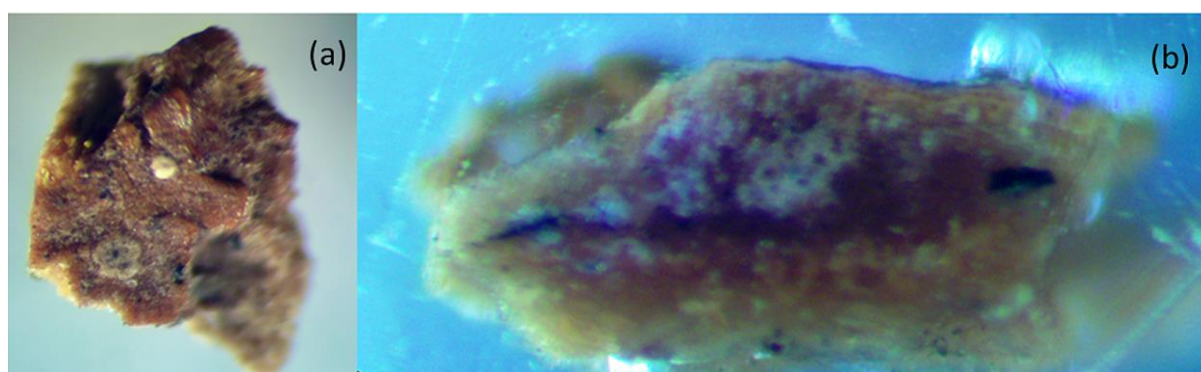


Fig. 2 Yellow paint sample based yellow ochre. Top view before embedding in a resin (a) and cross-section preparation (b). The underdrawing in black is visible in the cross-sectioned sample. The pigment in the yellow color was identified based on the results from in-situ pXRF analysis, SR-XRD, and SEM-EDS investigations.