

Fig. 10. XRF spectrum from the subtraction of the background from the bright yellow pigment reveals key peaks for lead (Pb) and chromium (Cr), indicative elements for the pigment chrome yellow. A small peak for mercury (Hg) identifies the presence of vermilion either mixed with or beneath the chrome yellow color. The image on the right represents the background near the pigment color of interest.

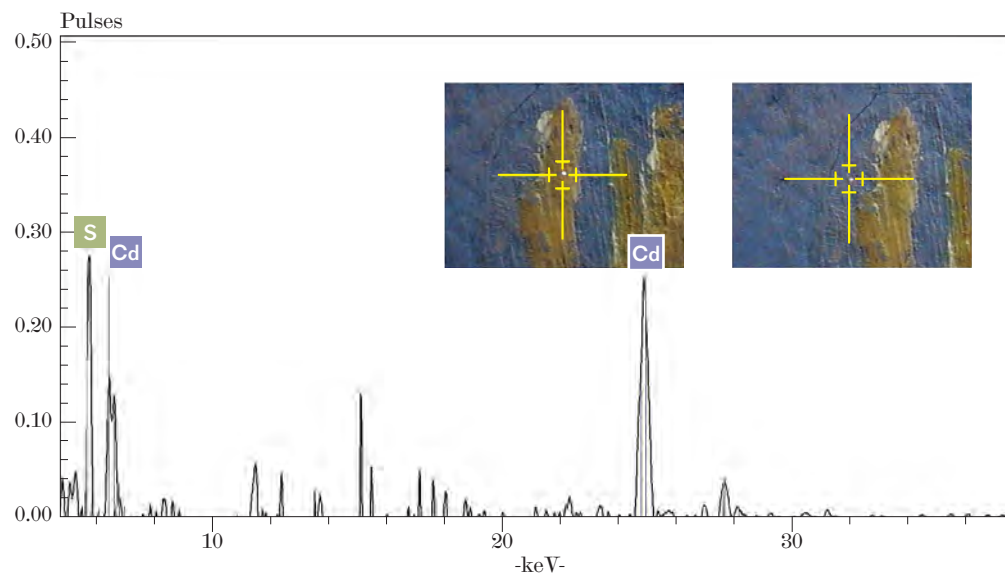


Fig. 11. XRF spectral subtraction of the background from the darker yellow pigment. Although only visible in trace intensity, peaks for cadmium (Cd) and sulfur (S) are identifiable and relate to the pigment cadmium yellow. The image on the right represents the background near the pigment color of interest.