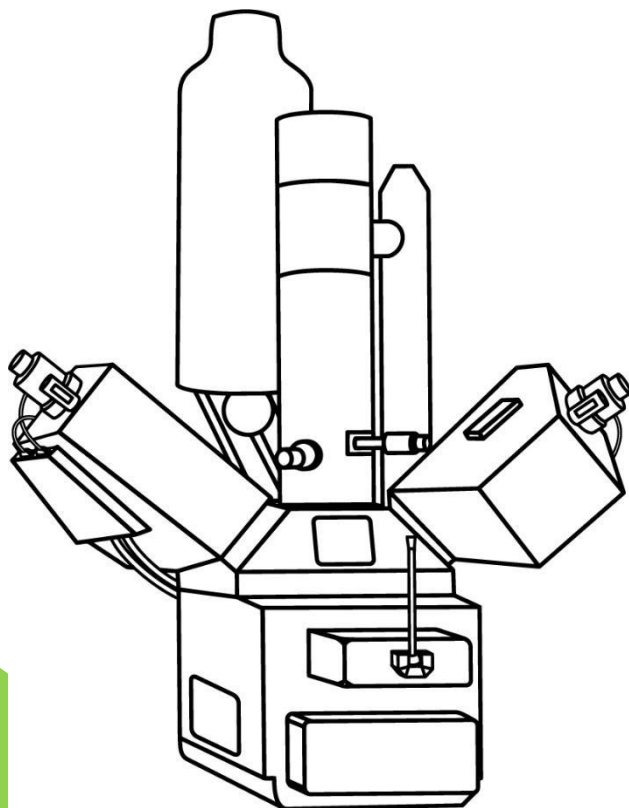


Elemental Analysis (EDS) Results



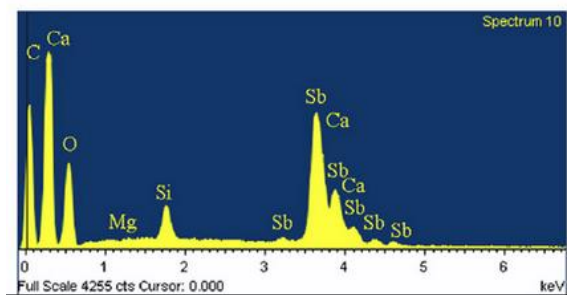
Women's Bazaar II

The SciArt Project
2024

Results Report

Point of Interest 2: Thread from the canvas




This is the EDS spectrum of the analysis performed on the yellow painting layer of Point of Interest 1.



We observe that it mainly consists of lead, antimony, oxygen and calcium.

Lead (Pb)	15%
Antimony (Sb)	10%
Oxygen (O)	60%
Calcium (Ca)	15%

Based on these elements, possible pigments used for the yellow painting layer are bindheimite, rosiaite, and a carbonate, possibly calcite.

Name	Chemical Formula	Image
Bindheimite	$Pb_2Sb_2O_7$	
Rosiaite	$PbSb_2O_6$	
Calcite	$CaCO_3$	

Point of Interest 2: Thread from the canvas

This is the EDS spectrum of the fiber collected from Point of Interest 2. The elemental analysis shows that it is composed of carbon and oxygen. These elements are characteristic of organic materials, such as fibers of plant origin.

