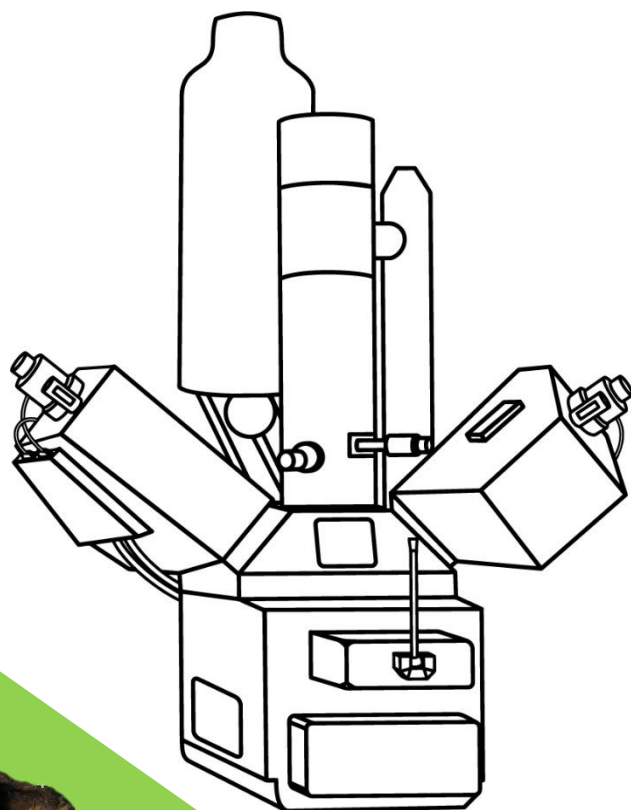


Elemental Analysis (EDS) Results



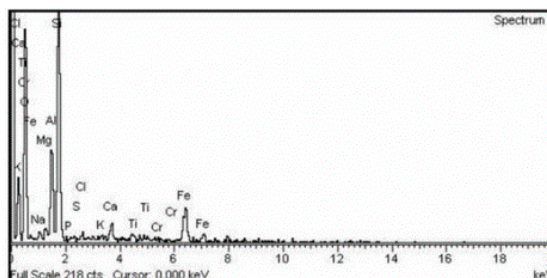
Clay lamp

The SciArt Project
2024

Results Report

Point of Interest 1: Main body of the lamp

This is the spectrum and elemental analysis obtained from the EDS method for the main body of the lamp. It consists primarily of carbon, oxygen, silicon, aluminum, iron, calcium, sodium, magnesium, and titanium. These elements are common in ceramics, but we need additional information about the compounds that make up the lamp.



Carbon (C)	10%
Oxygen (O)	30%
Silicon (Si)	12%
Aluminum (Al)	3%
Iron (Fe)	4%
Calcium (Ca)	1%
Sodium (Na)	1%
Magnesium (Mg)	1%
Titanium (Ti)	1%

Point of Interest 2: Residues on the spout of the lamp

This is the spectrum from the EDS method concerning the residues found at the lamp's spout. Our analysis shows that it consists of carbon and oxygen, which is a typical characteristic of substances of organic origin.

