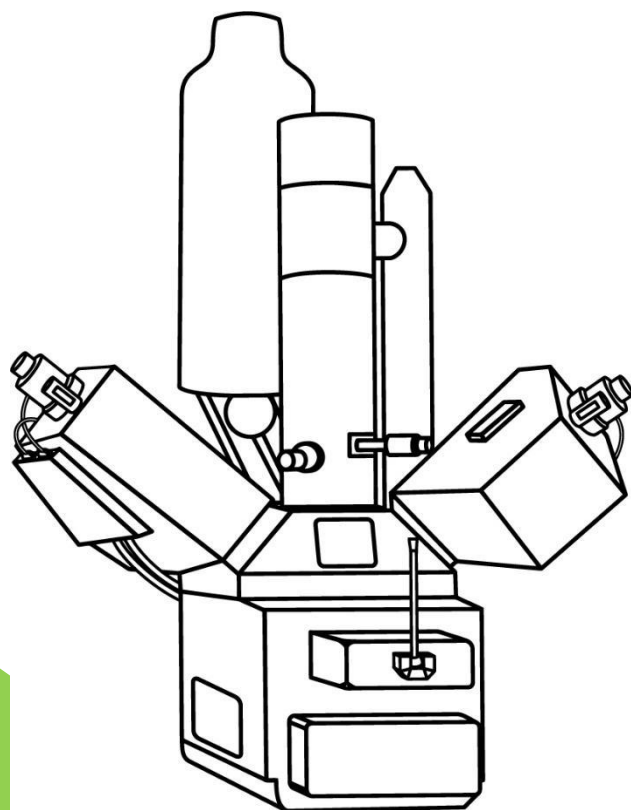


Elemental analysis (EDS) Results



St. Christopher Alm Dish

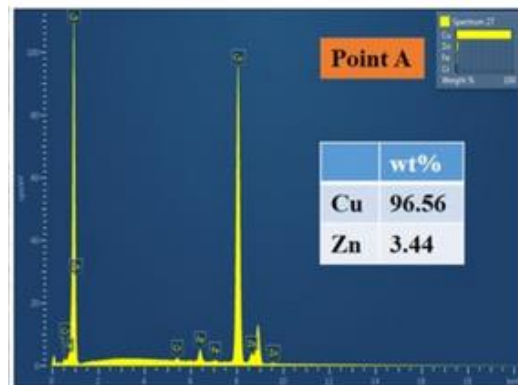
The SciArt Project
2024

Results Report

Point of Interest 1: Main body of the dish, from the edge

Here is the spectrum and the elemental analysis we obtain from the EDS method for the metal that was used for the main body of the disk. It consists mainly of copper with a small amount of zinc.

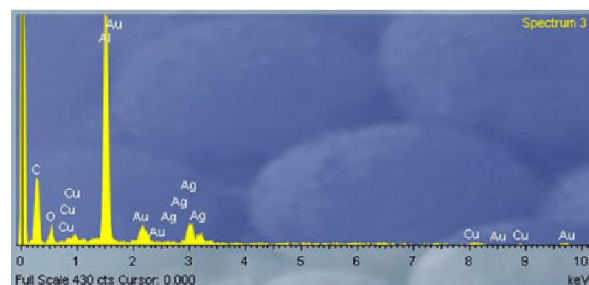
These are characteristics of the alloy known as brass.



Copper (Cu)	96,65%
Zinc (Zn)	3,44%

Point of Interest 2: Relief

Here is the spectrum and the elemental analysis we obtain from the EDS method regarding the traces of golden colour found on the relief of the disk. This specific composition indicates that the gold alloy that was used on the relief was derived from the reuse (melting) of jewelry.



Gold (Au)	98%
Silver (Ag)	1%
Copper (Cu)	1%