

# FTIR Analysis Results



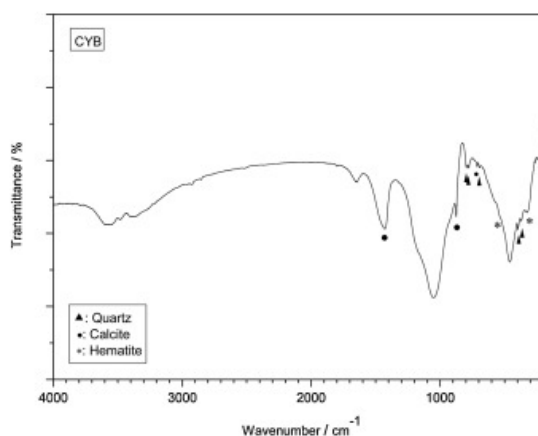
**Clay lamp**

The SciArt Project  
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## Results Report

### Point of Interest 1: Main body of the lamp

This is the FTIR spectrum of the main body of the lamp. The presence of calcite ( $\text{CaCO}_3$ ), which is responsible for the white-coloured grains, quartz ( $\text{SiO}_2$ ), which typically produces transparent and very hard grains, and hematite ( $\text{Fe}_2\text{O}_3$ ), which has a red color, are identified.



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

This is the FTIR spectrum of the residues found at the lamp's spout. The residues are fully identified as oil.

