

FTIR Analysis Results



The bird of Mesarka

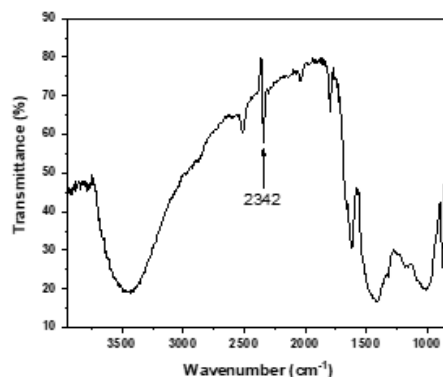
The SciArt Project
2024

Results Report

Point of Interest 1: Blue painting layer

Here is the FTIR spectrum of the blue painting layer. The pigment under study is identified as ultramarine.

Additionally, the FTIR band at 2342 cm^{-1} , indicated by the arrow, is a characteristic feature of natural ultramarine that comes from the gemstone called lapis lazuli.



Point of Interest 2: Potato sac

Here is the FTIR spectrum of the fibers collected from Point of Interest 2. The spectrum matches perfectly with that of cellulose, which is characteristic of plant-based fibers.

