

# FTIR Analysis Results



**The bird of Mesarka**

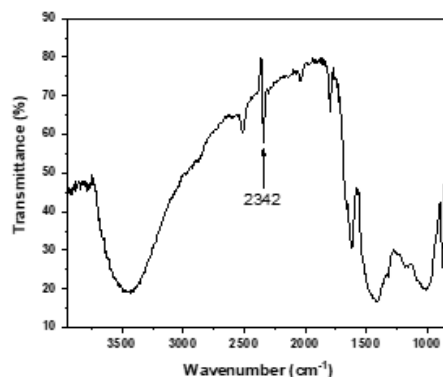
The SciArt Project  
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## Results Report

### 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  $2342\text{ cm}^{-1}$ , 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.

