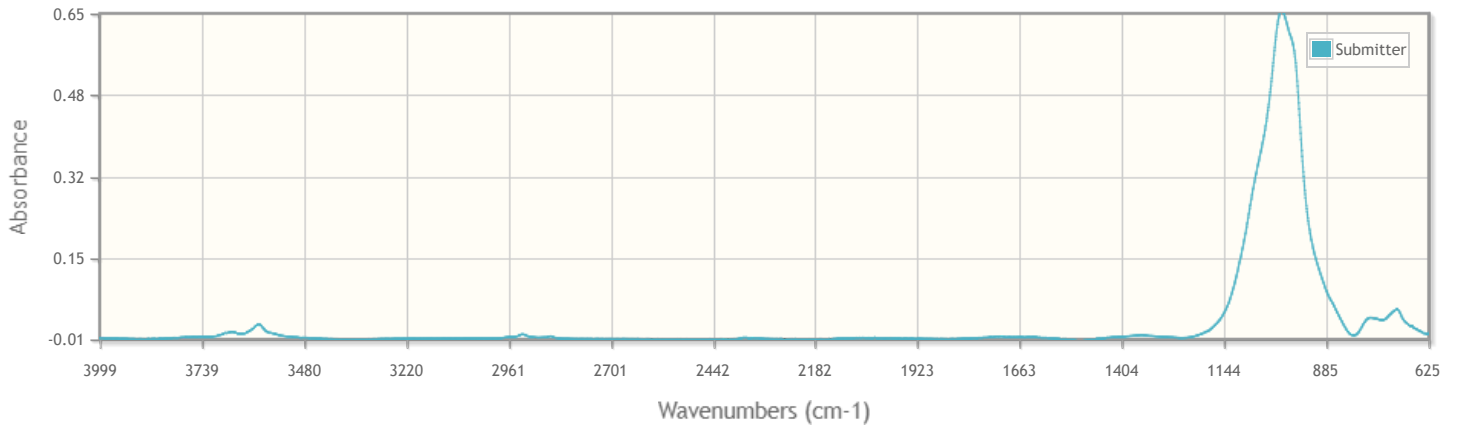


IMP00246 Biotite; Scotland; Chester Collection; AHC4424; PMA; tran



Section: 6

Minerals and pigments (MP)

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Details

| | | |
|---|--|---|
| IRUG filename: IMP00246 | Data type: Infrared | IRUG material class: Minerals and pigments (MP) |
| Sample type: Reference material | Common name(s): Biotite | Chemical/botanical name(s): Potassium iron magnesium aluminum silicate hydroxide fluoride, mica group |
| Source location 1: Scotland, UK | Sample source 2: Chester Collection, Rutgers University Geology Museum | Source location 2: Geology Hall, College Ave., New Brunswick, NJ, US |
| Sample identifier 2: #AHC4424 | Sample source 3: Philadelphia Museum of Art, Scientific Laboratory | Source location 3: Box 7646, Philadelphia, PA, 19101, US |
| Application: MFTIR (Fourier transform infrared microspectroscopy) | Mode: Tran | Originating institution name: Philadelphia Museum of Art |
| Originating institution acronym: PMA | Linear formula: K(Mg,Fe) ₃ (Al,Fe)Si ₃ O ₁₀ (OH,F) ₂ (approximate) | Other analytical methods: XRF (x-ray fluorescence) |