

S<sup>2-</sup>

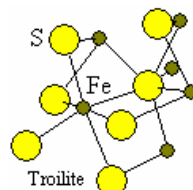
## Troilite

### FeS

Mineralogical Group: **sulfide (II-2-8)**

S environment:

Crystal system: **hexagonal (P63/mmc)**



Origin: **Aldrich (26,870-4 technical grade)**

Chemical composition: **63.53% Fe & 36.47% S**

Preparation of sample: **black powder**

Crystallinity state:

Acquisition mode: **fluorescence (photodiode)**

Date of acquisition: **13/09/2004**

X-ray absorption data (normalized): [troilite\\_fluo\\_norm.dat](#)

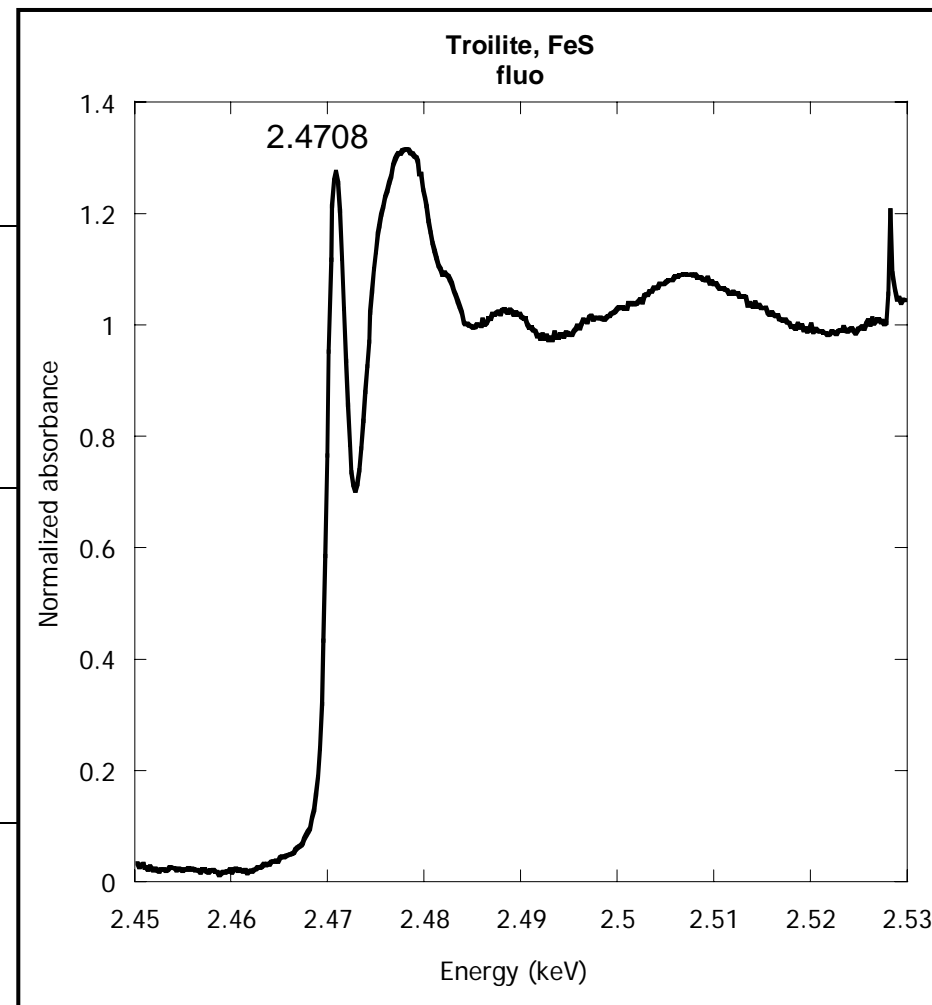
Calibration with CaSO<sub>4</sub>

Max of the “white-line” (s → p electronic transition) at **2.4825 KeV**

Contact person: **Sandström**

Author

Journal



Comments **identified by X-ray powder diffraction**

Additional information