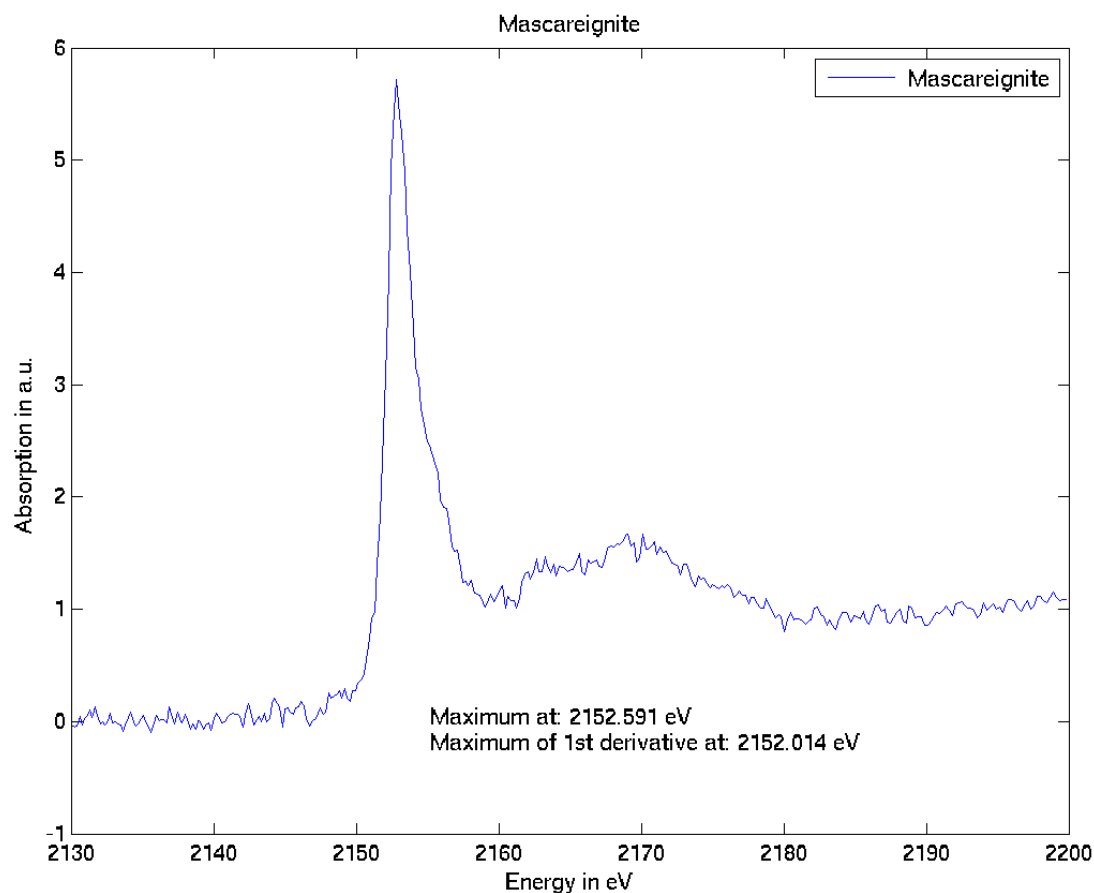


Mascareignite (phytoliths)



Phosphorus type: **Phosphorus in biogenic silica (opale-A)**

Origin: **Natural standard (Reunion island)**

CAS: -

Acquisition mode: **fluorescence**

Monochromator: **Si(111)**, calibrated in energy by fixing the position of the maximum of the white-line of hydroxyapatite ($\text{Ca}_5(\text{PO}_4)_3(\text{OH})$) at **2152.7 eV**

Max of the "white-line" (s → p electronic transition) at **2152.591 eV**

Max of the first derivate (taken for normalisation) at **2152.014 eV**

Contact Person: **Charline Giguet-Covex**

Author: **Giguet-Covex, Poulénard, Chalmin, Arnaud, Rivard, Jenny, Dorioz**

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Comments:

Additional Information: