



Showcasing research from Professor Xian-Hua Li's group, Secondary Ion Mass Spectrometry Laboratory, Institute of Geology and Geophysics, Chinese Academy of Sciences, Beijing, China (SIMS, IGGCAS).

A new potential synthetic pyrrhotite reference material for Fe-S isotope microanalysis

To meet the requirements of *in situ* analysis techniques, this study first proposed a new pyrrhotite reference material synthesized by hydrothermal experiments and systematically evaluated its suitability for *in situ* Fe and S isotope analysis.

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