

High-precision copper spectrometer



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Goal To demonstrate the ability of Thermo Scientific™ Neoma™ MS/MS MC-ICP-MS to measure copper and zinc isotopes at high precision.



The ScopeX Copper Alloy Special Analyzer, is a spectrometer designed specifically for rapid analysis of copper alloys. It features high precision, a wide range of analyzable elements, and quick testing ...



Discover the VAS Gold Plus XL Optical Emission Spectrometer, designed for accurate pure copper analysis with high sensitivity and rapid testing. Ideal for laboratory use, it features a single beam ...



Here we present an analytical method for Cu isotopic measurement using standard-sample bracketing on a Nu Sapphire multi-collector inductively coupled plasma mass spectrometer.



We present a new approach to Cu isotopic measurements using a state-of-the-art Nu Sapphire multicollector inductively coupled plasma source mass spectrometer equipped with a ...



Sapphire XD enables our users to analyse every isotope system the way they wish to – be it in conventional MC-ICP-MS mode, through mass filtering and mass shifting using the ...



In this study, we report an independent and fully calibrated isotope ratio measurement of a high-purity copper certified reference material, HICU-1, at the National Research Council Canada ...



Taken together, these measures will improve our ability to interpret results and perform routine, high accuracy and precision measurements of the Cu isotope ratio in low-Cu samples, thus ...



The measured Cu isotopes of the new reference materials by LA-MC-ICP-MS analysis were used to examine the Cu isotope homogeneity of the reference materials, and evaluate the achievable ...



The intermediate precision of Cu isotopic measurements was evaluated by repeat measurements of NIST SRM 3114 and NWU-Cu-A standards over a 10 month period.

Contact Us

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