

When the instrument is also used for the analysis of pure material, we recommend using different sets of analytical table, electrode, and insulator for (pure) aluminum and for aluminum alloys.

The new OE720 spark spectrometer from Hitachi High-Tech is designed to deliver high-performance at a mid-range price. This means that ...

1.1 This test method describes the analysis of aluminum and its alloys by spark-atomic emission spectrometry (Spark-AES). The aluminum specimen to be analyzed may be in the form of a ...

analysis of aluminum and its alloys. The instrument takes advantage of modern CMOS/CCD technology combined with the latest generation of readout electronics. The innovative optical system covers the ...

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Optical emission spectrometry (OES) is a fast, easy-to-use and cost-effective analytical technique used for elemental analysis of solid aluminum samples in various contexts, from production to recycling ...

The energy dispersive X-ray fluorescence spectrometer (EDXRF) is widely used for quality control of aluminum alloys and acceptance inspections of recycled materials. However, analysis of light ...

The first thing people get wrong about aluminum OES is assuming a general-purpose steel spectrometer will just work on aluminum with a different calibration. It will, up to a point -- but the trade-offs are real.

Dive into the secrets of aluminum analysis with spectrometer validation. Discover how precision unlocks excellence in metal quality!

Spectrometers for Aluminium Testing, particularly Optical Emission Spectrometers (OES), are invaluable in achieving this. OES for Aluminium Testing allows for near-instant analysis by taking ...

Our spectrometer testing process applies to all types of aluminum products -- bars, rods, plates, tubes, extrusions, and forgings. The testing can accurately detect elements such as Si, Mg, Cu, Zn, and ...

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