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Mass spectrometry for the characterization and quantification of engineered
inorganic metal nanoparticles

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Highlights

- Overview on recent advances of mass spectrometry in nanotechnology
- Use of mass spectrometry for characterization of engineered NPs
- Future trends of MS-based techniques for NPs characterization are discussed

Abstract

Advancements in nanoscience enabled the synthesis of a diverse array of engineered nanomaterials. The precise control of the composition and quality of such nanomaterials is required to ensure their eventual successful application. Also importantly, the potentially adverse environmental and/or human health effects resulting from exposure to nanoparticles

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