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The development of method to control Ni, Co, Mg, Mn, Fe in solutions of sulfuric acid leaching of oxidized nickel ore by ICP-AES

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Abstract

In the article the sample pretreatment methods of solutions after sulfuric acid leaching of oxidized nickel ore to determine in which Ni, Co, Mg, Mn, Fe by inductively coupled plasma atomic emission spectrometry were examined. The theoretical and experimental investigations relating to the use of internal standardization were carried out. The ICP-AES technique was developed for determination of metals in sulfuric acid solutions.