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摘要: 本文应用DU—8B分光光度计Multi component Analysis系统提出了合金样品中钨和钼的同时测定方法, 比较详细地研究了各种实验条件的影响。此法不仅能够有效地消除钨和钼之间的相互干扰, 而且合金样品主要离子对测定无影响。钨和钼在合金样品溶液中的回收率为104%~94%, 结果满意。

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Simultaneous determination of tungsten and molybdenum in alloy by spectrophotometry with multicomponent analysis system

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Abstract: A method for simultaneous determination of tungsten and molybdenum in alloy was developed by DU-8B spectrophotometry with multicomponent analysis system. The method eliminated the mutual interference between tungsten and molybdenum. No matrix interferences from main ions in alloy. The recovery of tungsten and molybdenum in alloy ranged from 104% to 96%. The proposed method gave a satisfactory result for the determination of tungsten and molybdenum in alloy.

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