# 火焰原子吸收光谱法测定茶叶中铅铜

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摘 要：本文采用干灰化 盐酸消解试样 ,消解液用火焰原子吸收光谱法测定茶叶中铅和铜。在铅吸收波长 2 1 7 0nm处 ,铅在 0～ 1 0 μg/mL呈现良好的线性关系 ,在铜吸收波长32 4 nm处 ,铜的线性范围为 0～ 5 0 μg/mL ,相关系数γ=0 .9996。以 3SA/S计 ,铅检出限 :0 0 6 μg/mL ;铜检出限 :0 0 0 8μg/mL ;方法精密度RSB <3%。回收率 96 %～ 1 0 2 %。

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# Determination of lead and copper in tea by FAAS

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Abstract: A method for determining lead and copper in tea by One-digestion Flame atomic absorption spectrometry.Beer ' s law is obeyted in the range of 0～10μg/mL for pb and 0～5.0μg/mL for Cu.The relative standard deviation obtained is less than 3% and recoveries were 96%～102%.It has an accurate and reliable result in the analysis of actual samples.

Key words:

【大 中 小】 [关闭窗口]