

## 火焰原子吸收法测定高纯铅中的杂质

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褚连青 天津 中国电子科技集团公司第46研究所 300192

王金钢 天津 中国电子科技集团公司第46研究所 300192

王奕 天津 中国电子科技集团公司第46研究所 300192

摘要: 本文采用盐酸作为沉淀剂,进行基体分离,并用火焰原子吸收法进行纯铅中的Fe, Cu, Zn, Ag和Bi 五种杂质元素的测定,方法简单、快速、干扰小,具有较高的准确性和精密度。各元素的相对标准偏差为: 4.29%-8.83%,加标回收率为95.0%~106%。

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### Determination of impurities in pure Lead by FAAS

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Abstract: The determination of Iron, Copper, Zinc, Silver and Bismuth in pure Lead by Flame Atomic Absorption Spectrometry was developed in this paper. The matrix was separated. The interference and corrections of coexisting elements were discussed. The method was simple, rapid and accurate. The recoveries of Iron, Copper, Zinc, Silver and Bismuth were 99.2%, 106%, 103%, 95.0% and 101% respectively. The relative standard deviation were 4.29%, 6.12%, 8.83%, 8.59% and 8.43% respectively.

Key words:

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