

对进口咖啡豆中铅测定质量控制初探

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摘要：本文通过对进口咖啡豆中铅的测定，初步进行实验室内质量控制分析——即在一个周期内（30天）连续对进口咖啡豆中的铅元素含量进行测定，系统地对分析方法、仪器设备、试剂、操作者等因素进行研究，其方法的检出限为 $0.27\mu\text{g/mL}$ ，回收率为111%~117%。通过绘制进口咖啡豆中铅的质量控制图，其结果是在授控范围内

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An initial study of the quality control (QC) in determination of lead in imported coffee bean by atom

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Abstract: An initial study of the Quality control (QC) in determination of lead in imported coffee bean by Atomic Absorption Spectrum (AAS) is discussed in this paper. The scheme of the QC programme was continuously detecting elemental lead in imported coffee bean in one period (30days), and further more systematically studying additional factors as for analytical method, equipment and facility, chemicals and operators, etc. The limit of quantity as $0.00027\mu\text{g/mL}$, recovery of method was 111%~117%. The final conclusion was that the results of the measurement was under control judging by quality control chart.

Key words:

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