FAAS法测定高纯铝丝中的铁、铜、锌、锰和镁

褚连青 天津 信息产业部电子第四十六研究所 300192

王金钢 天津 信息产业部电子第四十六研究所 300192

王奕 天津 信息产业部电子第四十六研究所 300192

摘 要：本文提出了高纯铝丝中的铁、铜、锌、锰和镁的火焰原子吸收测定方法,对基体及共存离子对待测元素的干扰及消除进行了研究,实验结果表明:方法简单、快速,加标回收率为95.0%～105%,相对标准偏差为1.51%～5.26%。

关键词：

The Determination of Fe、 Cu、 Zn、 Mn and Mg in High Pure Aluminium wire by FAAS、

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Abstract: The dctermmalion of Iron ,Copper ,Zine,Mangabese and Magnesium in high pure Alummi um wire by Flame Atomic Absorption Spectrometry was presented in this paper .The interferences and corrections of coextet element wore discussed . The results showed that the method was simple , rapid and efficient. The recoverys of Iron , Copper, Zinc. Manganese and Magnesium were 98. 5%, 99.0%, 102%, 95.0% and 105%rcspectively. The relative standard deviation were 5.26%, 4.71%, 2. 38%, 3. 92% and 1. 51% respectively.

Key words: