

中药标准物质连翘的中子活化定值分析

@侯小琳\$中国原子能科学研究院!北京,102413 @张永保\$中国原子能科学研究院!北京,102413 @李慎之\$北京市理化分析测试中心!100089

收稿日期 1992-11-25 修回日期 网络版发布日期:

摘要 用仪器中子活化法测定了中药标样连翘中Cu、Fe、Mn、Ti、Zn等20种微量元素的含量。为检验分析数据的可靠性,还分析了标准物质西红柿叶、茶叶和潞党参中微量元素的含量,结果表明:测定值与推荐值吻合。文中还给出了实验条件下各元素的探测极限。

关键词 [连翘](#) [标准物质](#) [中子活化分析](#)

分类号

INAA OF CHINESE TRADITIONAL MEDICINE STANDARD REFERENCE MATERIAL FOR SYTHIA SUIPENSIA

HOU XIAOLIN; ZHANG YONGBAO; LI SHENZHI China Institute of Atomic Energy, P. O. Box 274(75), Beijing, 102413 Beijing Centre of Physical and Chemical Analysis, 100089

Abstract The contents of Cu, Fe, Mn, Ti, Zn etc. 20 elements in chinese traditional medicine standard reference material (SRM) forsythia suspensa are determined by instrument neutron activation analysis (INAA). For certificating the accuracy of analytical data, the SRM tomato leaf, tea and loudangsen are analysed simultaneously. The determined values in this work are agreeable with certified values. The detection limits under experimental conditions are calculated.

Key words [Forsythia suspensa standard reference material](#) [Neutron activation analysis](#) [Miniature neutron source reactor](#)

DOI

通讯作者

扩展功能

本文信息

- ▶ [Supporting info](#)
- ▶ [\[PDF全文\]\(269KB\)](#)
- ▶ [\[HTML全文\]\(0KB\)](#)
- ▶ [参考文献](#)

服务与反馈

- ▶ [把本文推荐给朋友](#)
- ▶ [文章反馈](#)
- ▶ [浏览反馈信息](#)

相关信息

- ▶ [本刊中包含“连翘”的相关文章](#)
- ▶ [本文作者相关文章](#)