

叶水英 中国林科院森环所

赵玉娟 中国林科院森环所

于建国 中国林科院森环所

**摘要:** 维酶素作为营养保健食品添加剂,对萎缩性胃炎和食道上皮细胞增生有显著疗效。本文采用高压液相色谱法对维酶素中维生素B<sub>2</sub>和两种辅酶(FMN和FAD)进行了分析。结果VB<sub>2</sub>平均含量为5.46mg/g,辅酶含量为1.74mg/g,回收率为86.6%~93.5%,精度为8.2%,该法可做为鉴定维酶素质量的分析方法。

**关键词:**

文章全文为PDF格式,请下载至本机浏览。[\[下载全文\]](#)

如您没有PDF阅读器,请先下载PDF阅读器 [Acrobat Reader](#) [\[下载阅读器\]](#)

### Determination of Coenzymes and VB<sub>2</sub> in WeiMeiSu By HPLC

---

**Abstract:** Weimeisu is an additive of nutritious health food, which has significantly active effect on cure of wasting gastritis and accretion of epithelial cells of esophagus. The active constituents are three forms of riboflavin, that is free vitamin B<sub>2</sub> (VB<sub>2</sub>) and two coenzymes, Flavin mononucleotide (FMN) and Flavin adenine dinucleotide (FAD). VB<sub>2</sub> and the two coenzymes in Weimeisu were analyzed by HPLC. Products from Beijing ZhongFa Bioengineering Institute and other factories were analyzed, the average value of VB<sub>2</sub>

**Key words:**

[【大 中 小】](#) [\[关闭窗口\]](#)