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不同产地野生和人工养殖蚂蚱内在质量比较研究

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中文摘要:目的:探讨不同产地蚂蚱的内在质量差异性,为新品种筛选提供理论依据。方法:参考《中国药典》(2005年版)一部测定不同产地水蛭药材的水分、醇溶性浸出物、总灰分、酸不溶性灰分、抗凝血酶活性,采用高效液相色谱法测定其黄嘌呤、次黄嘌呤含量。结果:江宁试验基地人工养殖品种在醇溶性浸出物、总灰分、酸不溶性灰分、抗凝血酶活性、黄嘌呤、次黄嘌呤等含量上均相对高于其他种群,浙江桐乡基地大面积养殖品种多项指标高于野生品种。结论:经过人工育苗、养殖的蚂蚱品质优良,建议大面积推广养殖。

中文关键词:水蛭 蚂蚱 种群 内在质量

Comparison study on quality of different population of wild and breeding *Whitmania pigra*

Abstract:Objective: To examine the quality of *Whitmania pigra* from the different populations to provide the basis for new species selection. Method: The contents of the moisture, alcohol extractive, total ash, acid-insoluble ash, and the activity of antiplatelet aggregation enzyme of wild and the breeding *W. pigra* were determined by the methods were determined in Chinese Pharmacopoeia (2005 edition). The contents xanthine and hypoxanthine by HPLC. Result: It showed that the contents of the alcohol extractive, total ash, acid-insoluble ash, antiplatelet aggregation enzyme, and xanthine and hypoxanthine content of the breeding population in Nanjing are lations. Many quality indexes of the breeding in Zhejiang Tongxiang base were better than the wild. Conclusion: The breeding *W. pigra* are good in quality, it suggested large-scale promotion of aquaculture.

keywords: *Whitmania pigra* leech hirudo populations quality breeding

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