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## 水提醇沉法中醇沉浓度对板蓝根泡腾片制备过程的影响

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**中文摘要:**目的:研究水提醇沉法中醇沉浓度对板蓝根泡腾片制备过程的影响。方法:考察不同醇沉浓度对板蓝根浸膏得率、指标成分转移率、提取物粉体学性质、制备工艺的影响。结果:醇沉浓度对板蓝根浸膏得率、腺苷转移率、浸膏饱和吸湿量、泡腾片崩解时间等无显著性影响,但对喷雾干燥工艺、干法制粒工艺有明显影响。结论:水提醇沉法中醇沉浓度对板蓝根泡腾片制备过程有明显影响,提示选择醇沉浓度时应根据实验目的,整个制剂过程的系统试验结果予以确定。

**中文关键词:**板蓝根泡腾片 水提醇沉 醇沉浓度 粉体学性质 喷雾干燥 干法制粒

## Effect of alcohol concentration in water extraction and alcohol precipitation on preparation of effervescent tablets of Banlangen

**Abstract:**Objective: To study effect of alcohol concentration in water extraction and alcohol precipitation on the preparation of effervescent tablets of Banlangen. Method: Effects of different concentrations of alcohol precipitation on the Banlangen extract rate, metastasis rate of index components, extract properties of powder, preparation process were investigated, respectively. Result: Alcohol concentration on the Banlangen extract rate, metastasis rate of adenosine, extract the amount of saturated moisture, effervescent disintegration time of no significant impact, but spray drying process, dry granulation process. Conclusion: Alcohol concentration has a significant effect on the preparation of effervescent tablets of Banlangen in the process of water extraction and alcohol precipitation, It suggest that the choice of concentration of alcohol precipitation should be based on experimental purposes, the entire preparation process of the system test results.

**keywords:**Banlangen effervescence tablets water extraction and alcohol precipitation alcohol concentration properties of powder spray drying dry granulation

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