

论文

复方氨基酸胶囊的稳定性研究

詹先成;吴晓晔;秦蓓;茅涵斌;唐晖

华西医科大学药学院, 成都 610044; *本院1995届毕业生 **陕西省医学高等专科学校进修生; ***湖北医科大学进修生

摘要:

用优选法处理自由变温加速试验数据,研究了复方氨基酸胶囊的稳定性。试验中考查了胶囊中最不稳定的色氨酸的含量变化。结果表明,复方氨基酸胶囊的室温贮存期约为2.4年。

关键词: 复方氨基酸胶囊 自由变温加速试验 优选法

STUDY ON THE STABILITY OF COMPOUND AMINO ACID CAPSULE

XC Zhan; XY Wu; P Qin; HB Mao and H Tang

Abstract:

The stability of compound amino acid capsule was studied with flexible heating experiment. A computer controlled temperature recording system was used in the experiment. The degradation of the capsule was evaluated based on the content of L-tryptophan, the most unstable component in the capsule. Optimization was used in the computation. Results indicate that the observed activation energy of the compound amino acid capsule is about 72.36kJ·mol⁻¹ and the shelf-life at room temperature is about 2.4 years.

Keywords: Flexible heating stability experiment Optimization Compound amino acid capsule

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作者简介:

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