



Analysis of Yield Behavior in Captopril Tablet Production Through Statistical Process Control

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SUMMARY. The use of monitoring techniques based on statistical criteria is a widespread practice, but it is not frequently used in the pharmaceutical industry. Statistical process control is a type of technique used for verifying the behavior of the process. The use of statistical control to monitor the compression stage is valuable to obtain information and develop strategies for process validation, as well as to allow the management of the behavior of the critical variables of the product during the process. The yield was used to identify and quantify losses of the stages of production. The aim of this study was to define the upper and lower yield limits of the stages of the production process through a retrospective study of the batch record. It was used 218 batches of captopril 25 mg tablet from Industry X.

KEY WORDS: Captopril, Compression, Statistical process control.

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