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Research article

Development and validation for determination of lisinopril dihydrate in bulk drug and formulation using RP-HPLC method

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Key words: Lisinopril, RP-HPLC, Validation

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Abstract
A simple, reproducible and efficient reverse phase high performance liquid chromatographic method was developed for Lisinopril in bulk drug and formulation. A column having 150 × 4.6 mm in isocratic mode with mobile phase containing acetonitrile: phosphate buffer (70:30; adjusted to pH 3.0) was used. The flow rate was 0.8 ml/min and effluent was monitored at 216 nm. The retention time (min) and linearity range (µg/ml) for Lisinopril was (1.510) and (10-35). The developed method was found to be accurate, precise and selective for determination of Lisinopril in bulk and formulation.