



## Alternative Methodology for Folic Acid Analysis in Capsules by Reverse Phase Liquid Chromatography under Isocratic Mode

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**SUMMARY.** Folic acid is an important vitamin (Vitamin B9) for biochemical processes such as DNA synthesis and repair. There is no pharmacopeic method to assay this drug in capsules. It was proposed, developed and validated a method for determining the content of folic acid in capsules by reverse phase liquid chromatography (RP-HPLC). The method was validated for specificity, linearity, precision, accuracy and robustness. The robustness was evaluated through experimental design approach.

**KEY WORDS:** Experimental design, Folic acid, Reverse phase liquid chromatography, Validation.

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