Spectrophotometric methods for the simultaneous determination of paracetamol and dantrolene sodium in pharmaceutical dosage form

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Abstract

Accurate, precise and simple spectrophotometric methods have been developed and validated for the determination of paracetamol (PAR) and dantrolene sodium (DAS). Spectrophotometric methods including zero order, first derivative (1D) and derivative ratio methods (1DD) have been developed. The zero order spectrophotometric method was used for the determination of DAS in the range of 1-20 μg/mL by measuring the absorbance at 379 nm where PAR exhibits zero reading. 1D and 1DD methods were used for the...