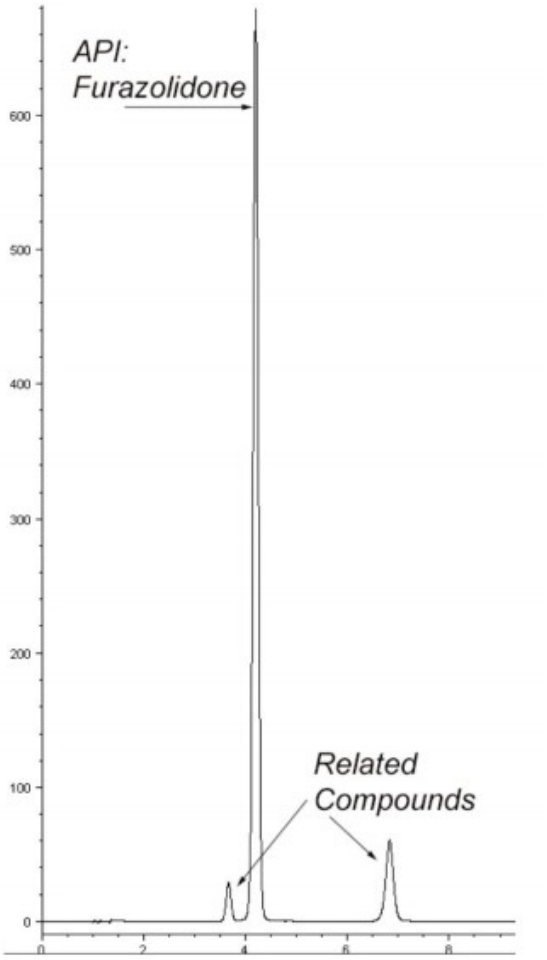
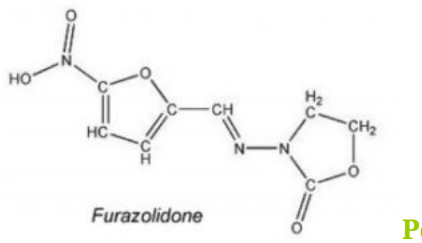
Furazolidone Analyzed with HPLC – AppNote

API and Related Compounds Separation

Furazolidone was Separated from related compounds in a commercially available pharmaceutical preparation. Excellent Peak shape and Selectivity from the related compounds was achieved with this Robust Method making it a great choice for QC applications even when using aggressive Mobile Phases that include acids. Molecular weight of Furazolidone is 225.16.





Peak:

Furazolidone

Method Conditions

Column: Cogent Bidentate C18™, 4µm, 100Å

Catalog No.: 40018-15P

Dimensions: 4.6 x 150mm
Mobile Phase: 12% Acetonitrile / 88% DI Water / 1% Acetic Acid
Temperature: 30°C
Injection vol.: 20µL
Flow rate: 2mL / minute
Detection: UV @ 365nm

Note: *This antibiotic drug is used to treat diarrhea and enteritis caused by bacteria or protozoan infection. Also used as a veterinary medicine for salmonids and Myxobolus cerebralis infection.*

Attachment

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Date: 05-08-2024