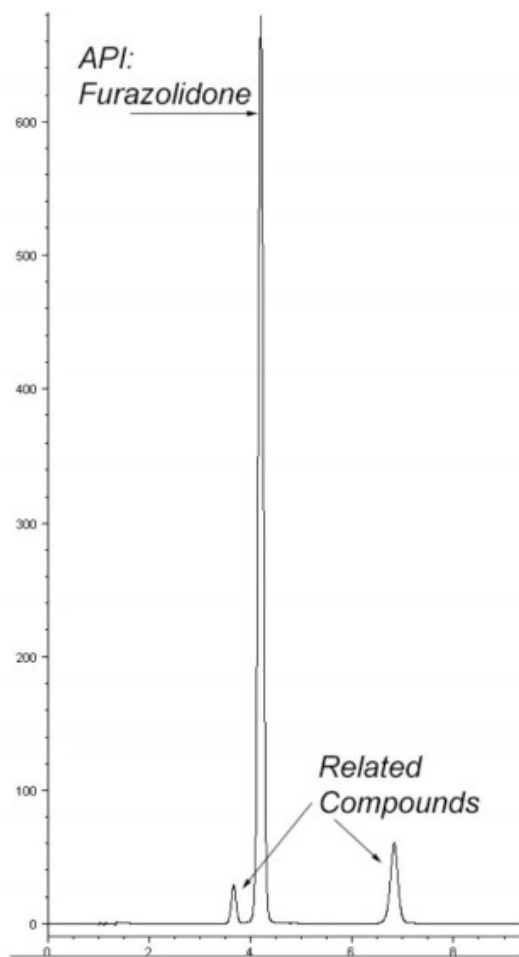


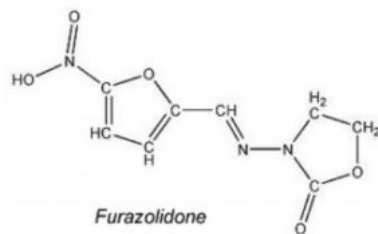


Furazolidone Analyzed with HPLC - AppNote

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.





Furazolidone

Peak:

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.

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories



Attachment

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