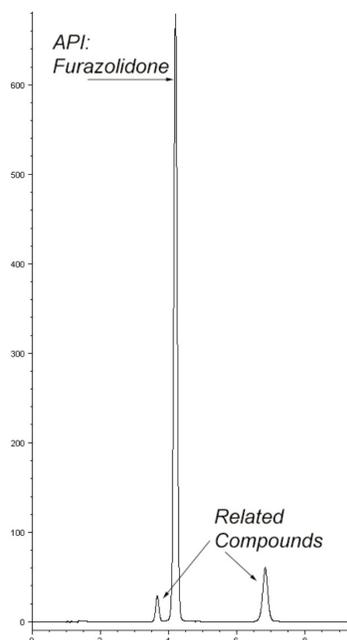
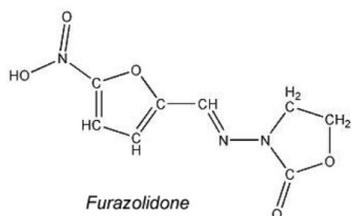


# API and Related Compounds

## Furazolidone: Antibiotic



### Method Conditions

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

**Catalog No.:** 40018-15P

**Dimensions:** 4.6 x 150 mm

**Mobile Phase:** 12% Acetonitrile/ 88% DI H<sub>2</sub>O/ 1% acetic acid

**Temperature:** 30°C

**Injection vol.:** 20µL

**Flow rate:** 2 mL/min

**Detection:** UV 365 nm

**Peak:** 1. Furazolidone

### Discussion

This active pharmaceutical ingredient was separated from related compounds in a real life pharmaceutical preparation. Note the excellent peak shape and the selectivity from the related compounds. The stability and robustness of the Cogent TYPE-C™ columns makes this an excellent choice for QC applications even when using aggressive mobile phases that include acids.

MW of the Furazolidone is 225.16.

**Notes:** 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.