Method Conditions

Column: Cogent Bidentate C18™, 4µm, 100Å
Catalog No.: 40018-15P
Dimensions: 4.6 x 150 mm
Mobile phase: 2% Acetonitrile, 88% 10mL/L acetic Acid
Flow rate: 2.0 mL/min
Peaks: Furazolidone
Injection Volume: 20 µL
Detection: UV 365 nm
Temperature: 30°C

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.

For more information visit www.MTC-USA.com

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