

Ciprofloxacin Hydrochloride

Experimental

Column: SVEA C18 Gold, 5 µm 110 Å 4.6 x 250 mm

Instrument: HPLC

Mobile phase: 0.025M Orthophosphoric Acid (pH 3.0 adjusted with Triethylamine):Acetonitrile = 87:13

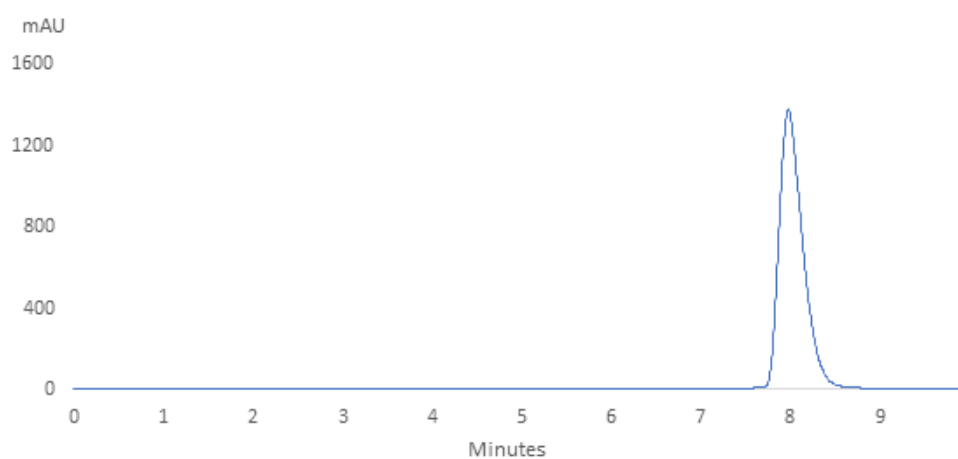
Flow rate: 1.5 mL/min

Injection volume: 10µl

Column temperature: 30°C

Detector: UV 278 nm

Sample: 500 ppm Ciprofloxacin Hydrochloride in 0.025M Orthophosphoric Acid (pH 3.0) : Acetonitrile = (87:13)



Performance

Retention time = 8.0

USP Tailing = 1.51

Theoretical plate number = 17620

Area under curve = 25517.271

