Diltiazem HCL- Isolation of Impurities, Transfer from Analytical to Prep Columns

HPLC Method

Column: A. Symmetry® C18, 3.9 x 150 mm, 5 µm  
B. SymmetryPrep™ C18, 7.8 x 150 mm, 7 µm  
C. SymmetryPrep™ C18, 19 x 150 mm, 7 µm

Part numbers:  
A. WAT046980  
B. WAT066288  
C. WAT066240

Mobile phase: Acetonitrile/0.1% TFA in water 30:70

Flow rates: A. 0.7 mL/min  B. 2.8 mL/min  C. 16.6 mL/min

Injection volume: Diltiazem: A. 0.5 mg  B. 2.0 mg  C. 11.9 mg

Detection: UV @ 280 nm

1. Diltiazem Hydrochloride