

Cefaclor Analysis

Compound: Cefaclor (approx. 0.2 ug)

Suggested SPE Method

Cartridge	Strata-X (30 mg / 1 mL)
Pretreatment	Dilute plasma sample (100 uL) with water (500 uL) Vortex for 10 seconds Add 20 uL Formic Acid Vortex for 10 seconds
Condition/Equilibrate	Methanol (2 mL), then Water (1 mL)
Load	Load
Wash	Water (3 mL)
Elute	50%Water / 50%Acetonitrile + 10mM Formic Acid (0.5 mL)

Suggested HPLC Method

Column	Luna C18(2) 5u (150 mm x 4.6 mm)
Injection	20 uL
Mobile Phase	50%Water / 50%Acetonitrile + 10mM Formic Acid
Flow Rate	0.4 mL / min
Temperature	40 deg C
Detection	MS