

Lansoprazole and Degradation Products Separation after Acidic Hydrolysis in 0.1 M HCl

Application #AN1520

Conditions

Column: ACE 5 SuperC18
Dimensions: 150 x 4.6 mm
Part Number: EXL-1211-1546U
Mobile Phase: A: 0.1% ammonia in H₂O
B :0.1% ammonia in MeCN/H₂O (90:10 v/v)

Time1 (mins)	Time2 (mins)	Time3 (mins)	%B
0.0	0.0	0.0	10
15.0	30.0	45.0	90
15.5	30.5	45.5	90
18.0	33.0	48.0	10

Post time 10 minutes

Flow Rate: 1 mL/min
Injection: 5 µL
Temperature: 30 °C
Detection: UV, 280 nm

