

# Creatine and Metabolite Creatinine using HILIC Mode

**ACE**<sup>®</sup>  
Ultra-inert  
UHPLC & HPLC Columns

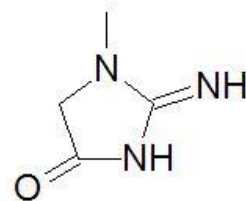
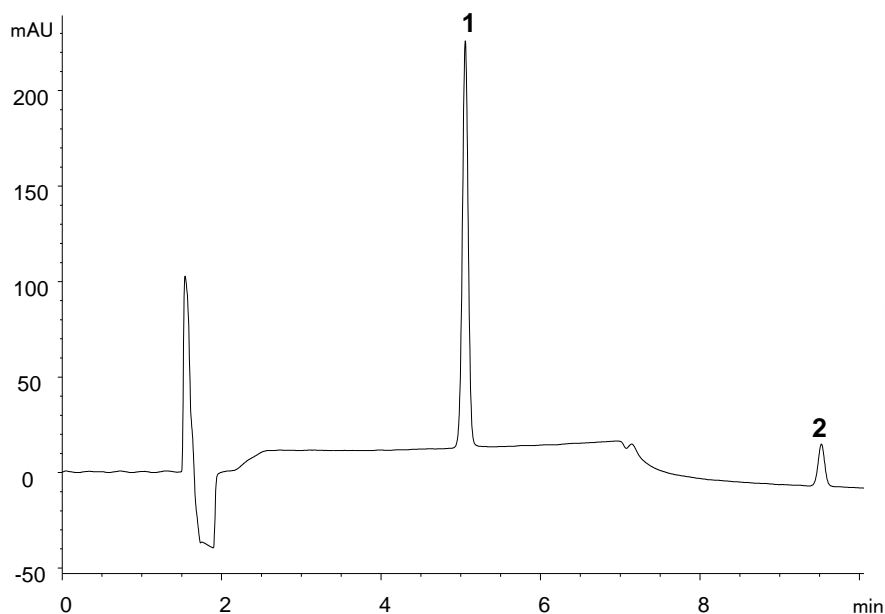
Application #AN4570

## Conditions

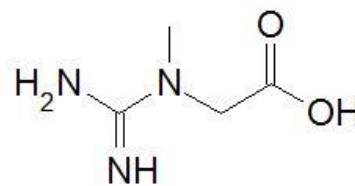
Column: ACE 5 HILIC-A  
Dimensions: 150 x 4.6 mm  
Part Number: HILA-5-1546U  
Mobile Phase: A: 2 mM ammonium formate pH 3.0 in MeCN/H<sub>2</sub>O (95:5 v/v)  
B: 2 mM ammonium formate pH 3.0 in MeCN/H<sub>2</sub>O (50:50 v/v)

Time (mins)	%B
0	5
10	5
11	55
12	55
31	5

Flow Rate: 1.5 mL/min  
Injection: 5 µL  
Temperature: 25 °C  
Detection: UV, 230 nm



1. Creatinine



2. Creatine